NWF.

One Hundred and Forty-Sixth
Annual Report of the Trustees

of

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
McLean Hospital in Belmont

For the Year
1959
Officers and Staff
1960

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BOSTON : MASSACHUSETTS

FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

Member of United Community Services of Metropolitan Boston

Member of American Hospital Association

Accredited by the Joint Commission on Accreditation of Hospitals of the United States and Canada

Approved by American Medical Association for Residencies and Internships

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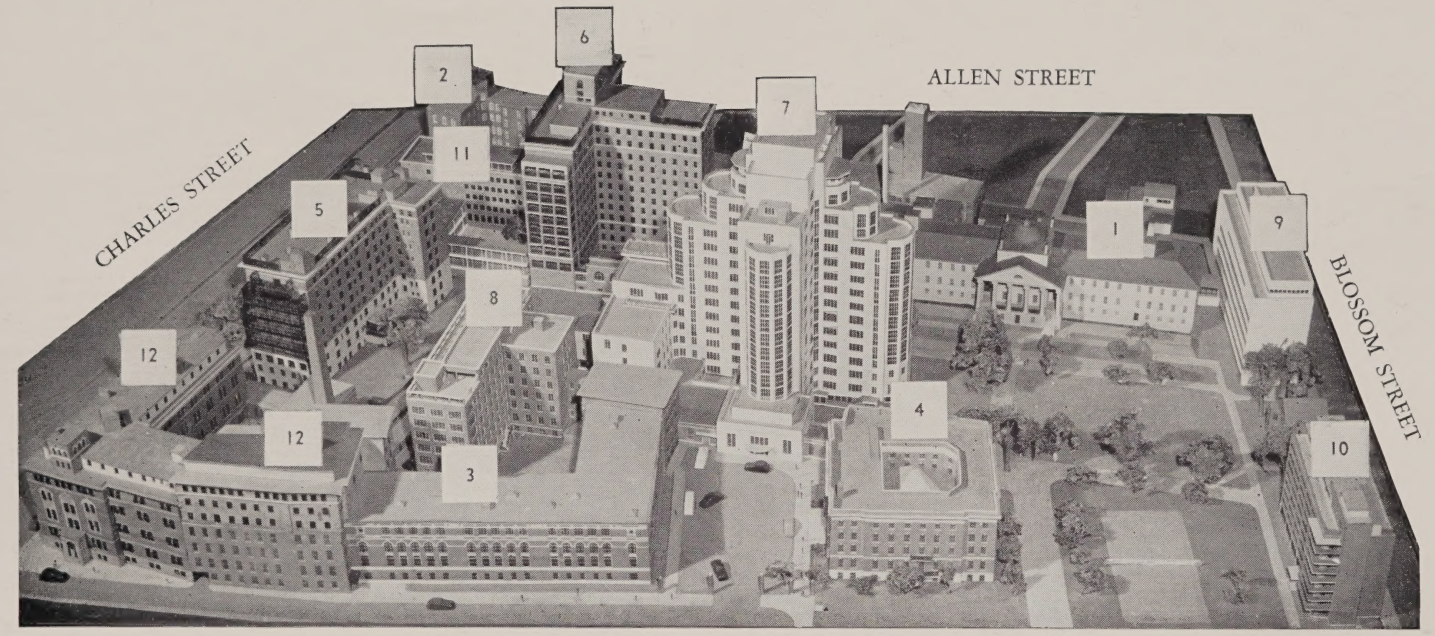

THE MASSACHUSETTS GENERAL HOSPITAL

1. Bulfinch Building (1821); 2. Thayer House Nurses' Residence (1883); 3. The Clinics Building (1903); 4. Moseley Building (1916); 5. Phillips House (1917); 6. Baker Memorial (1930); 7. George Robert White Building (1939); 8. Vincent Memorial Hospital and Burnham Memorial for Children (1947); 9. Research Building (1951); 10. Bartlett Hall Nurses' Residence (1953); 11. Warren Building (1956); 12. *Massachusetts Eye and Ear Infirmary* (1899).

One Hundred and Forty-Sixth Annual Report of the Trustees

OF

THE MASSACHUSETTS GENERAL HOSPITAL

Including the General Hospital in Boston
and the
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1959

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BOSTON · MASSACHUSETTS

Information

THE MASSACHUSETTS GENERAL HOSPITAL is a private, incorporated institution supported solely by voluntary contributions and the receipts from those patients who pay board. It consists of three main divisions: The General Hospital for those unable to pay for private medical care, The Baker Memorial with private and semi-private accommodations, and the Phillips House, the private pavilion. All three divisions are for the care of acutely ill persons, or for such chronic cases as can be substantially relieved by hospitalization of short duration. In addition, Storrow House, located in Lincoln, Massachusetts, is for convalescent patients no longer in need of hospital nursing care.

Chauncy 9-8843 dial 1

THE GENERAL HOSPITAL

Entrance: Fruit Street, end of North Grove Street. Telephone—LA 3-8200.

Arrangements for the admission of patients to the General Hospital should be made at the Admitting Office in the George Robert White Building (Extension 414).

Emergencies are admitted at any hour; arrangements should be made by telephone. Persons injured by accident or overcome by acute illness may come to the Emergency Ward at the Hospital entrance at any time.

The Clinics of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary, open for admission from 8:15 a.m. to 10:00 a.m. and from 1:00 p.m. to 3:00 p.m., are for patients who can not afford the cost of private medical care. Appointments may be made by mail, telephone, or personal application at the Admitting Desk.

THE BAKER MEMORIAL

Entrance: Same as the General Hospital. Telephone — LA 3-8200.

The Baker Memorial is for patients of moderate means. Arrangements for admission should be made at the Admitting Office in The Baker Memorial (Extension 446).

Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

THE PHILLIPS HOUSE

Entrance: 265 Charles Street. Telephone—LA 3-8200.

Information about admission may be obtained at the Phillips House Admitting Office. Patients may be referred by any physician, but may be attended only by members of the Staff of the Massachusetts General Hospital and the Massachusetts Eye and Ear Infirmary.

McLean IVanho IV 4-0700

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1947	Francis W. Hatch, 462 Boylston Street
1947	John E. Lawrence, 177 Milk Street
1947	*Francis O. Schmitt, Ph.D., Department of Biology Massachusetts Institute of Technology, Cambridge
1955	Philip H. Theopold, 294 Washington Street
1958	*Sidney R. Rabb, 393 D Street, So. Boston

*Appointed by the Governor of the Commonwealth

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Rules
Messrs. Guild and Theopold

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(March 1960 - February 1961)

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April and October
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May and November
Messrs. Lowell and Brace

June and December
Mr. Hatch and Professor Schmitt

July
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August
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January 1961
Monsignor Barry and Mrs. Homans

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John T. Quinby, M.D.
Lloyd H. Smith, Jr., M.D.
John D. Stoeckle, M.D.
Joseph Stokes, III, M.D.
George P. Sturgis, M.D.
Arthur L. Watkins, M.D.
Richard G. Whiting, M.D.

Assistants in Medicine

Irving P. Ackerman, M.D.
John C. Angley, M.D.
Francis G. Barnum, Jr., M.D.
Patricia H. Benedict, M.D.
John F. Bertles, M.D.
Alan S. Cohen, M.D.
Leonard W. Cronkhite, Jr., M.D.
James H. Currens, M.D.
Willard Dalrymple, M.D.
John C. Dalton, M.D.
Leslie J. DeGroot, M.D.
Daniel D. Federman, M.D.
John G. Freymann, M.D.
Joseph W. Gardella, M.D.
Thomas C. Hall, M.D.
John Homans, Jr., M.D.
John W. Irwin, M.D.
H. Walter Jones, Jr., M.D.
Kenneth E. Jones, M.D.
Robert H. Jones, M.D.
Lewis W. Kane, M.D.
John W. Keller, M.D.
John H. Knowles, M.D.
Stephen M. Krane, M.D.
John W. Littlefield, M.D.
William F. McNeely, M.D.
Edwin P. Maynard, III, M.D.
Sholem Postel, M.D.
Walter T. St. Goar, M.D.
Guillermo C. Sanchez, M.D.
John T. Sharp, M.D.
John H. Sisson, M.D.
William D. Sohier, Jr., M.D.
*William A. Tisdale, M.D.
Frank A. Warner, M.D.

Associate Physicist

Gordon L. Brownell, PH.D.

Associate Biologists

Nancy L. R. Bucher, M.D.
Jerome Gross, M.D.

Assistant Physicists

Saul Aronow, PH.D.
William H. Ellett, B.SC.
Emery Nyilas, CH.E.

Associate Biophysicist

Jesse F. Scott, M.D.

Associate Biochemists

Lewis L. Engel, PH.D.
John Gergely, M.D.
Mahlon B. Hoagland, M.D.
Roger W. Jeanloz, D.SC.
Robert B. Loftfield, M.D.
Karl Schmid, PH.D.

Assistant Biochemists

Leonard B. Spector, PH.D.
Mary Louise Stephenson, PH.D.

Associate Immunologist

Sidney Leskowitz, PH.D.

Assistant Immunologist

Edna M. Follensby, PH.D.

Research Associate

Grace Margaret Rourke

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*7.1.60

1950

DERMATOLOGY

Chief of Service
Thomas B. Fitzpatrick, M.D.
Dermatologist
Maurice M. Tolman, M.D.

Associate Dermatologist
John Adams, Jr., M.D.

Assistant Dermatologists
Paul J. Catinella, M.D.
Earl A. Glicklich, M.D.
Robert D. Griesemer, M.D.
Milton E. Helman, M.D.
William R. Hill, Jr., M.D.
Mildred L. Ryan, M.D.
Robert F. Tilley, M.D.

Assistants in Dermatology
William L. Curwen, M.D.
Clito R. Damiani, M.D.
Basil C. Gray, M.D.
Margaret B. Hussey, M.D.
Charles S. Keuper, M.D.
John E. LeDonne, M.D.
Philip L. McCarthy, M.D.
Myron H. Matz, M.D.
Samuel L. Moschella, M.D.
Sabino J. Sinesi, M.D.
Arthur S. Spangler, M.D.

Associate Biochemist
Irvin H. Blank, PH.D.

Associate Biologist
George Szabo, PH.D.

Research Associate
Ruth K. Freinkel, M.D.

NEUROLOGY

Chief of Service
Raymond D. Adams, M.D.

Neurologists
Mandel E. Cohen, M.D.
Edwin M. Cole, M.D.
C. Miller Fisher, M.D.
Robert S. Schwab, M.D.

Associate Neurologists
Philip R. Dodge, M.D.
Vincent P. Perlo, M.D.
Edward P. Richardson, Jr., M.D.
William H. Timberlake, M.D.
Maurice Victor, M.D.

Assistant Neurologists
John A. Abbott, M.D.
Pierre M. Dreyfus, M.D.
Henry deF. Webster, M.D.

Assistants in Neurology

John S. Barlow, M.D.
Albert C. England, Jr., M.D.
Hugo W. Moser, M.D.
Richard L. Sidman, M.D.
Ruth E. Stauffer, M.D.
Karel van Syckel Toll, M.D.

Neurophysiologist

Mary A. B. Brazier, PH.D.

Associate Bacteriologist

Byron H. Waksman, M.D.

PSYCHIATRY

Chief of Service

Erich Lindemann, M.D., PH.D.

Psychiatrists

Paul M. Howard, M.D.
John C. Nemiah, M.D.
Gardner C. Quarton, M.D.
Alfred H. Stanton, M.D.
Elizabeth R. Zetzel, M.D.

Associate Psychiatrists

Herbert Barry, Jr., M.D.
Gerald Caplan, M.D.
Morris E. Chafetz, M.D.
Frank R. Ervin, M.D.
John H. Lamont, M.D.
Peter E. Sifneos, M.D.
Jerome L. Weinberger, M.D.
Avery D. Weisman, M.D.

Assistant Psychiatrists

Clemens E. Benda, M.D.
Franklin Carter, M.D.
Daniel C. Dawes, M.D.
Benjamin F. Gill, M.D.
Thomas P. Hackett, M.D.
Volta R. Hall, M.D.
Richmond Holder, M.D.
Samuel Kaplan, M.D.
Maria Lorenz, M.D.
Walter Mann, M.D.
Vernon P. Williams, M.D.

Assistants in Psychiatry

Jason A. Aronson, M.D.
Norman R. Bernstein, M.D.
Frances J. Bonner, M.D.
Mignon C. Chasen, M.D.
Herbert S. Cline, M.D.
Gerald E. Davidson, M.D.
Abraham L. Finesinger, M.D.
Howard T. Hermann, M.D.
Helen M. Herzan, M.D.
Melvin M. Kayce, M.D.
Herbert O. Levine, M.D.
Robert J. Lifton, M.D.
Jack H. Mendelson, M.D.
Maxwell G. Potter, M.D.
I. Paley Rak, M.D.
William R. Shelton, M.D.
Jackson M. Thomas, M.D.

Psychologist

John M. von Felsinger, PH.D.

Associate Psychologists

Marc A. Fried, PH.D.
Donald C. Klein, PH.D.
Richard R. Peebles, PH.D.
George A. Talland, PH.D.

Assistant Psychologists

Howard T. Blane, PH.D.
Frank M. Buckley, D.ED.
Philip E. Kubzansky, PH.D.
Selma Rappaport, PH.D.
Richard Sternbach, PH.D.

Associate Sociologist

A. Paul Hare, PH.D.

Assistant Sociologist

Louisa P. Howe, PH.D.

CHILDREN'S MEDICAL SERVICE

Chief of Service

Allan M. Butler, M.D.

Physicians to Children's Medical Service

Leo B. Burgin, M.D.
John D. Crawford, M.D.
Robert N. Ganz, M.D.
Ralph A. Ross, M.D.
Nathan B. Talbot, M.D.

Associate Physicians to Children's Medical Service

T. Berry Brazelton, M.D.
William A. Dickson, M.D.
LeRoy L. Eldredge, Jr., M.D.
Philip R. Dodge, M.D.
Richard B. Kearsley, M.D.
Alexander S. Nadas, M.D.
Thomas C. Peebles, M.D.
Murray E. Pendleton, M.D.
Gertrud C. Reyersbach, M.D.
Robert T. Sceery, M.D.
Mary Louise Scholl, M.D.
Richard H. Watson, M.D.
Louis Weinstein, M.D.
Eleanore C. Zaudy, M.D.

Assistant Physicians to Children's Medical Service

Lawrence J. Essember, M.D.
Robert J. Haggerty, M.D.
Joseph J. McGovern, M.D.
William Pfeffer, Jr., M.D.
Charles V. Pryles, M.D.
Robert H. Richie, Jr., M.D.
John S. Robey, M.D.
Marion L. Slemons, M.D.
Wilhelmina Van Dyke, M.D.
Thomas J. Whitfield, III, M.D.

Assistants to Children's Medical Service

Donald J. Annino, M.D.
Nathan H. Fearer, M.D.
Thomas Frank, M.D.
Andrew D. Guthrie, Jr., M.D.
Michael P. Tristan, M.D.
Dorothy B. Villee, M.D.
Juan F. Sotos, M.D.

SURGICAL DIVISION

GENERAL SURGERY

Chief of Surgical Services

Edward D. Churchill, M.D.

Visiting Surgeons

Marshall K. Bartlett, M.D.
Bradford Cannon, M.D.
Oliver Cope, M.D.
*Robert R. Linton, M.D.
Edward Hamlin, Jr., M.D.
Richard H. Sweet, M.D.
Claude E. Welch, M.D.

Associate Visiting Surgeons

Gordon A. Donaldson, M.D.
F. Thomas Gephart, M.D.
Francis M. Ingersoll, M.D.
William V. McDermott, Jr., M.D.
J. Gordon Scannell, M.D.
William R. Waddell, M.D.

Assistant Surgeons

Benjamin A. Barnes, M.D.
Glenn E. Behringer, M.D.
Thomas H. Green, Jr., M.D.
Hermes C. Grillo, M.D.
Roy E. Mabrey, M.D.
John B. McKittrick, M.D.
George L. Nardi, M.D.
William C. Quinby, Jr., M.D.
John W. Raker, M.D.
George S. Richardson, M.D.
Grant V. Rodkey, M.D.
William P. Rogers, Jr., M.D.
Robert S. Shaw, M.D.
Frank C. Wheelock, Jr., M.D.
Earle W. Wilkins, Jr., M.D.

Assistants in Surgery

John F. Burke, M.D.
Richard R. Curtin, M.D.
John M. Head, M.D.
**Charles E. Huggins, M.D.
William H. Hendren, III, M.D.
Charles G. Mixter, Jr., M.D.
Paul S. Russell, M.D.

ANESTHESIA

Chief of Service

Henry K. Beecher, M.D.

Anesthetist

John P. Bunker, M.D.

Associate Anesthetists

Henrik Holt Bendixen, M.D.
John W. D. Garrett, M.D.
Phillips Hallowell, M.D.
Donald P. Todd, M.D.

---

*Bd. Con. 7.1.60
**7.1.60

Assistant Anesthetists

Henning Pontoppidan, M.D. Alfred D. Surtees, M.D.

Assistants in Anesthesia

Thomas J. Keenan, M.D. Susanne Lamdin, M.D.
Sarita G. Walzer, M.D.

Visiting Consultant in Anesthesia

Erik Vinnars, M.D.

ENDOSCOPY

Endoscopist

Edward B. Benedict, M.D.

GYNECOLOGY

Chief of Service

Howard Ulfelder, M.D.

Staff shared with General Medical and Surgical Services

NEUROSURGERY

Chief of Service

James C. White, M.D.

Visiting Neurosurgeon

William H. Sweet, M.D.

Associate Visiting Neurosurgeon

H. Thomas Ballantine, Jr., M.D.

Assistants in Neurosurgery

Louis Bakay, M.D. Hannibal Hamlin, M.D.
Vernon H. Mark, M.D.

Associate Biophysicist in Neurosurgery

Humberto Fernandez-Moran V., M.D.

Associate Biochemist in Neurosurgery

Adelbert Ames, III, M.D.

Consultant in Biophysics

Eugene Bell, M.SC., PH.D.

Assistant Chemists in Neurosurgery

Emery Nyilas, CH.E. Albert H. Soloway, PH.D.

Assistant Psychologist
Marianne L. Simmel, PH.D.

Consultant in Neurophysiology
Padmaker P. Lele, M.D., PH.D.

ORTHOPEDIC SURGERY

Chief of Service
Joseph S. Barr, M.D.

Consulting Visiting Orthopedic Surgeon
Edwin F. Cave, M.D.

Visiting Orthopedic Surgeons
Otto E. Aufranc, M.D. Thornton Brown, M.D.
Paul L. Norton, M.D.

Assistant Orthopedic Surgeons
William N. Jones, M.D. Eugene E. Record, M.D.
Robert J. Joplin, M.D. John A. Reidy, M.D.
Carter R. Rowe, M.D.

Assistants in Orthopedic Surgery
Robert B. Brendze, M.D. J. Drennan Lowell, M.D.
Thomas L. DeLorme, M.D. William R. MacAusland, Jr. M.D.
Melvin J. Glimcher, M.D. Richard A. Mayo, M.D.
Morten Smith-Petersen, M.D.

Podiatrist
John F. Kelly, D.S.C.

Assistant Podiatrists
John D. McLean, D.S.C. Hugh J. O'Rourke, D.S.C.

UROLOGY

Chief of Service
Wyland F. Leadbetter, M.D.

Visiting Urologist
Sylvester B. Kelley, M.D.

Associate Visiting Urologist
Howard I. Suby, M.D.

Assistant Urologists
Walter S. Kerr, Jr., M.D. Lorande M. Woodruff, M.D.

Assistants in Urology

Joshua J. Hurwitz, M.D.
Edward C. Parkhurst, M.D.
Guy W. Leadbetter, M.D.
Harold A. Rudy, M.D.

DENTISTRY

Oral Surgeon and Chief of Dental Service

David Weisberger, M.D., D.M.D.

Assistant Oral Surgeons

Harold A. Carnes, D.M.D.
George Christman, D.M.D.
Henry J. Carney, D.M.D.
Walter C. Guralnick, D.M.D.
Norman Trieger, D.M.D.

Dental Surgeons

Neville A. Booth, D.M.D.
Richard L. Miner, D.D.S.
Peter A. Dempsey, D.M.D.
Morton J. Olin, D.M.D.
Owen W. Kite, D.D.S.
Robert G. Rae, D.M.D.
Glenn W. Lawrence, D.M.D.
Frank I. Rhodes, D.M.D.
Robert C. Lincoln, D.M.D.
Earl J. Waddington, D.M.D.
Jerome K. Walker, M.D., D.M.D.

Assistant Dental Surgeons

Harold A. Bratt, D.M.D.
Julius J. Levitan, D.M.D.
William L. Cosgrove, D.M.D.
Symon C. Polansky, D.M.D.
Charles H. Endee, D.M.D.
Frederick K. Poulin, D.M.D.
Frederick J. Feeney, D.M.D.
Keith A. Shangraw, D.M.D.
Henry D. Howe, D.M.D.
John B. Taylor, D.D.S.
R. Ronald Wyman, D.M.D.

DEPARTMENTS

PATHOLOGY

Chief of Department

Benjamin Castleman, M.D.

Associate Pathologists

Robert E. Scully, M.D.
Edgar B. Taft, M.D.
Austin L. Vickery, Jr., M.D.

Assistant Pathologists

Richard B. Cohen, M.D.
*Winfield S. Morgan, M.D.
David Spiro, M.D., PH.D.

Associate Visiting Pathologist

Ronald C. Sniffen, M.D.

---

*On leave of absence

Assistants in Pathology

Leonard Atkins, M.D.
H. Robert Dudley, Jr., M.D.
James B. Caulfield, M.D.
Richard J. Stenger, M.D.
Priscilla Dienes Taft, M.D.

Neuropathologists

Raymond D. Adams, M.D.
Edward P. Richardson, Jr., M.D.

Associate Neuropathologist

C. Miller Fisher, M.D.

Consultants in Forensic Pathology

Richard Ford, M.D.
Michael A. Luongo, M.D.

BACTERIOLOGY

Assistant Bacteriologist
Lawrence J. Kunz, PH.D.

Consulting Bacteriologist
Louis Dienes, M.D.

RADIOLOGY

Chief of Department

Laurence L. Robbins, M.D.

Radiologists

Milford D. Schulz, M.D.
Stanley M. Wyman, M.D.

Associate Radiologists

Jack R. Dreyfuss, M.D.
Paul M.G. St. Aubin, M.D.
Chiu-chen Wang, M.D.

Assistant Radiologists

J. Malcolm McNeill, M.D.
Majic S. Potsaid, M.D.
†Paul F. J. New, M.D.
Frederick S. Tomchik, M.D.

Assistants in Radiology

*Richard G. O'Brien, M.D.
†Herbert Schunk, M.D.
John T. Pollard, Jr., M.D.
†Alfred L. Weber, M.D.

Physicist
Edward W. Webster, PH.D.

Assistant Physicist
Eugene T. Agard, M.SC.

Engineer

Oliver E. Merrill, B.E.E.

---

*7.1.60 Clinical Associate
†When Mass. lic. obtained

PHYSICAL MEDICINE

Chief of Physical Medicine
Arthur L. Watkins, M.D.

BLOOD BANK

Director
Morten Grove-Rasmussen, M.D.

Assistant Director
Robert S. Shaw, M.D.

CONSULTANTS

Consultants in Medicine
Benjamin G. Ferris, M.D.
Conrad Wesselhoeft, M.D.

Consultant in Preventive Medicine
John E. Gordon, M.D.
David D. Rutstein, M.D.

Consultant in Tropical Diseases
George C. Shattuck, M.D.

Consultants to Children's Medical Service
William Berenberg, M.D.
Louis K. Diamond, M.D.
Stewart H. Clifford, M.D.
Clement A. Smith, M.D.

Consultant in Surgery
Augustus Thorndike, M.D.

Consultant in Neurosurgery
Oscar Hirsch, M.D.

Consultants to Orthopedic Service
Morris Cohen, PH.D.
Alan J. Hodge, PH.D.
Robert J. Hansen, SC.D.
George Scatchard, PH.D.

Consultant in Pharmacology
Otto Krayer, M.D.

Consultants in Physics
Robley D. Evans, PH.D.
John G. Trump, D.SC.

Consultant in Neurophysiology
Alexander Forbes, M.D.

ASSOCIATE STAFF

Clinical Associates in Medicine

John R. Graham, M.D.
David Littmann, M.D.
Sylvester McGinn, M.D.
Henry D. Stebbins, M.D.
Frederic Tudor, M.D.
Arthur A. Wills, Jr., M.D.
John W. Zeller, M.D.

Clinical Associates in Dermatology

Alan P. Freedberg, M.D.
John L. Fromer, M.D.

Clinical Associates in Psychiatry

Arthur W. McMahon, M.D.
Lionelle D. Wells, M.D.

Clinical Associates in Children's Medicine

Doris R. Bennett, M.D.
Albert Cohen, M.D.
John A. Duggan, M.D.
Edward C. Dyer, M.D.
John G. Flynn, M.D.
George A. Glines, M.D.
Theodore S. Golden, M.D.
Joseph L. Lewis, M.D.
Alexander S. MacDonald, Jr., M.D.
Francis C. McDonald, M.D.
Edward F. McGrath, M.D.
James A. O'Shea, M.D.
Walter Pick, M.D.
Leonard H. Plotkin, M.D.
Rudolf Toch, M.D.
Alan Ziskind, M.D.
Robert F. Wilson, M.D.

Clinical Associates in Surgery

Richard C. Austin, M.D.
Donald V. Baker, Jr., M.D.
Martin J. Bellinger, M.D.
Charles B. Burbank, M.D.
Chester J. Dexter, M.D.
George F. Emerson, M.D.
Edward L. Ferguson, M.D.
Gerald G. Garcelon, M.D.
Walter E. Garrey, M.D.
John B. Graham, M.D.
Ward I. Gregg, M.D.
Irad B. Hardy, Jr., M.D.
Clement A. Hiebert, M.D.
Joseph A. Holmes, M.D.
William K. McClelland, M.D.
George A. Marks, M.D.
Carroll C. Miller, M.D.
Joseph E. Murray, M.D.
Spiros P. Sarris, M.D.
James M. Shannon, M.D.
Lamar Soutter, M.D.
*John W. Spellman, M.D.
Richard H. Thompson, M.D.
Masao Yatsuhashi, M.D.

Clinical Associates in Neurosurgery

Jost J. Michelsen, M.D.

Clinical Associates in Orthopedic Surgery

Thomas F. Broderick, Jr., M.D.
**Williams Cochran, M.D.
William L. Kermond, M.D.

---

*Bd. of Consultation 7.1.60
**Deceased 3.29.60

Clinical Associate in Urology

Emil J. Ganem, M.D.

Clinical Associates in Obstetrics

Robert H. Barker, M.D.
A. Gordon Gauld, M.D.
John L. Newell, M.D.
Charles P. Sheldon, M.D.
Bartlett H. Stone, M.D.

Clinical Associates in Radiology

Joseph Hanelin, M.D.
H. Peter Mueller, M.D.
*Richard G. O'Brien, M.D.
Richard Schatzki, M.D.

Clinical Associates in Dentistry

Herman DeWilde, D.M.D.
Norton Fishman, D.M.D.
Merton W. Foss, D.M.D.
Daniel J. Holland, Jr., D.D.S.
George M. Noss, D.M.D.
Howard C. Reith, D.M.D.
Charles E. Rounds, D.M.D.
Edward L. Sleeper, D.D.S.
Ralph D. Thompson, D.M.D.

Clinical Associate in Pathology

Robert Fienberg, M.D.

CLINICAL ASSISTANTS

Medicine

Alan C. Aisenberg, M.D.
Arthur E. Brown, M.D.
Albert I. C. DeFriez, M.D.
Ellis Dresner, M.D.
Charles S. Keevil, M.D.
Louis Kunian, M.D.
Edward S. Rendall, M.D.
Raymond J. Savignac, M.D.
Hugh Tatlock, M.D.
Gordon D. Winchell, M.D.

Dermatology

Lester J. Bienvenu, M.D.
Nicholas J. Fiumara, M.D.

Psychiatry

Lionel A. Schwartz, M.D.

Surgery

Frank Cesare, M.D.
Ralph C. Darling, M.D.
Frederick McA. Davies, M.D.
James M. Doonan, M.D.
Frank W. Garran, Jr., M.D.
Paul F. Gryska, M.D.
Eugene Guralnick, M.D.
Knowles B. Lawrence, M.D.
Theodore M. Leary, M.D.
Phyllis MacNeil, M.D.
Raymond E. Militzer, M.D.
Albert S. Murphy, M.D.
Aram Roopenian, M.D.
John L. Rowbotham, M.D.
Clarke Staples, M.D.
D. Albert Young, M.D.

---

*7.1.60

Orthopedic Surgery

James P. Bell, M.D.
Gerald S. Brickman, M.D.
Gardner F. Fay, M.D.
Verner S. Johnson, M.D.

Neurosurgery

Raymond N. Kjellberg, M.D.
John Mealey, Jr., M.D.

Radiology

James A. Peterson, M.D.

Pathology

G. Richard Dickersin, M.D.

HOUSE STAFF

Residents and Interns
As of January 1, 1960

Medicine

Chief Resident:
Ralph C. Williams, M.D.

Residents:

Roman W. DeSanctis, M.D.
Glenn A. Langer, M.D.
Mitchell T. Rabkin, M.D.
Ellis L. Rolett, M.D.
Donald W. Sutherland, M.D.
Rajendra Tandon, M.D.

Assistant Residents:

Arthur K. Asbury
Caesar Briefer, Jr., M.D.
William T. Butler, M.D.
Myron A. Hofer, II, M.D.
George A. Jacoby, Jr., M.D.
Arnold M. Katz, M.D.
Myron M. Lotz, M.D.
Bernard F. Mach, M.D.
Robert H. Schapiro, M.D.
Robert T. Schimke, M.D.
Rodman D. Starke, M.D.
William E. Strole, Jr., M.D.
Hibbard E. Williams, M.D.

Interns:

John R. Baringer, M.D.
Robert W. Carey, M.D.
James R. Carter, Jr., M.D.
Frank F. Davidoff, M.D.
Karl Engelman, M.D.
Paul F. Griner, M.D.
Cavin P. Leeman, M.D.
Mart Mannik, M.D.
Kilmer S. McCully, M.D.
Richmond Prescott, M.D.
Irwin H. Rosenberg, M.D.
Kevin G. Ryan, M.D.

Dermatology

Resident:
Joseph Albert, M.D.

Assistant Residents:

Howard P. Baden, M.D.
Irwin M. Freedberg, M.D.
Milton R. Okun, M.D.

Neurology

Residents:

David A. Drachman, M.D.
Paul R. McHugh, M.D.

Assistant Residents:

Monroe Cole, M.D.
Richard T. Johnson, M.D.

Psychiatry

Assistant Residents:

Martin Kantor, M.D.
Alfonso Mangoni, M.D.
David G. Satin, M.D.

Children's Medicine

Chief Resident: Stanford B. Friedman, M.D.
Resident: Joyce K. Wong, M.D.
Assistant Residents:

Elroy E. Anderson, M.D.
Clement E. Papazian, M.D.
Herbert A. Haessler, M.D.
Jordan S. Ruboy, M.D.
David J. Lang, M.D.
Russell W. Sanders, M.D.
Clarence L. Morgan, M.D.
Joseph F. Stocks, M.D.
Herbert A. Newman, M.D.

Interns:

Donald M. Muirhead, Jr., M.D.
John B. Robbins, M.D.
Elliot S. Vesell, M.D.

Surgery

Residents:

William G. Austen, M.D.
Charles E. Huggins, M.D.

First Assistant Residents:

Arthur E. Baue, M.D.
Gilbert Hermann, M.D.
Edwin L. Carter, M.D.
Walter E. Klingensmith, M.D.
David L. Collins, Jr., M.D.
John A. Mannick, M.D.
Donald J. Glotzer, M.D.
Farrokh Saidi, M.D.
Edwin W. Salzman, M.D.

Second Assistant Residents:

Donavin A. Baumgartner, Jr., M.D.
Mark M. Kartchner, M.D.
Oscar S. DePriest, III, M.D.
Ronald A. Malt, M.D.
Moses J. Folkman, M.D.
Anthony P. Monaco, M.D.
Abdollah Gashgai, M.D.
Quentin B. Stiles, M.D.
Alf E. Gundersen, M.D.
Harold C. Urschel, Jr., M.D.
John B. Herrmann, M.D.
Clarence G. Wheeler, M.D.
Dale G. Johnson, M.D.
George M. Williams, M.D.

Third Assistant Residents:

Frederick W. Ackroyd, M.D.
Willard M. Daggett, Jr., M.D.
Theodore C. Barton, M.D.
John W. Madden, M.D.
Mortimer J. Buckley, Jr., M.D.
Anthony S. Patton, M.D.
James R. Callison, M.D.
Don C. Pearl, Jr., M.D.
John T. Porvaznik, Jr., M.D.

Interns:

Arthur L. Herbst, M.D.
Nelson R. Lampert, M.D.
Lucian L. Leape, Jr., M.D.
Robert S. Lees, M.D.
Raphael H. Levey, M.D.
Eldred D. Mundth, M.D.
David B. Skinner, M.D.
William G. Stewart, Jr., M.D.
John Urquhart, III, M.D.
Richard H. Wohl, M.D.

Neurosurgery

Residents:

John Mealey, Jr., M.D.
Robert G. Ojemann, M.D.

Assistant Residents:

David M. Klein, M.D.
Clyde N. Shealy, M.D.
Raleigh L. Wright, M.D.
Nicholas T. Zervas, M.D.

Anesthesia

Resident:

Myron B. Laver, M.D.

Assistant Residents:

George E. Battit, M.D.
Maurice J. Boivin, M.D.
Nancy L. Davis, M.D.
Robert G. Frost, M.D.
Richard F. Gibbs, M.D.
Alan H. Goldberg, M.D.
Leo T. Kelly, M.D.
Edward Los, M.D.
Alphonse M. Prus, M.D.
Eliot M. Slater, M.D.
Norman T. Smith, M.D.

Orthopedics

Residents:

Frank W. Bora, Jr., M.D.
Joseph H. Dimon, III, M.D.
David W. Florence, M.D.
Edwin T. Wyman, Jr., M.D.

Assistant Residents:

James H. Eldredge, M.D.
Lawrence M. Leonard, M.D.
John B. McGinty, M.D.
Edwin J. Madden, M.D.
Eugene J. Morrissey, M.D.
Richard E. Senghas, M.D.
William E. Wilson, M.D.

Urology

Resident:

James H. Duxbury, M.D.

Assistant Residents:

Stuart E. Price, Jr., M.D
David T. Mahony, M.D.
Morey Wosnitzer, M.D.

Pathology

Assistant Residents:

John F. Barlow, M.D.
Alan M. Bornstein, M.D.
Luis L. de Mola, M.D.
William L. Dunn, M.D.
Norris B. Finlayson, M.D.
Lewis P. James, Jr., M.D.
Herbert I. Krickstein, M.D.
Betty Jane McClellan, M.D.
William J. McIlroy, M.D.

Interns:

David Korn, M.D.
Karl H. Wegner, M.D.

Radiology

Residents:

D. Glyn Millard, M.D.
Stefan C. Schatzki, M.D.
Clinton B. Seeley, M.D.
Walther T. Weylman, M.D.

Assistant Residents:

Stanley P. Bohrer, M.D.
George B. Carter, M.D.
Robert E. Dinsmore, M.D.
Elwin W. Donnelly, M.D.
Murray L. Janower, M.D.
John B. Little, M.D.
William T. McCoy, M.D.
Yosh Maruyama, M.D.
Harold Simon, M.D.
James W. Tanner, M.D.

Dental

Resident: Earle H. Rosenberg, D.M.D.

Interns:

Harmer L. Ash, D.M.D.
James H. Stempien, D.M.D.

CLINICAL AND RESEARCH FELLOWS

Medicine

Mary Day Albert, PH.D.
Anton T. Appels, M.D.
Jose Barzelotto, M.D.
William H. Batchelor, M.D.
Paul J. Binette, M.D.
Paul H. Black, M.D.
John A. Bolzan, M.D.
Edgardo G. Carrasco, M.D.
Edgar S. Cathcart, M.D.
James J. A. Cavanaugh, M.D.
Laurids K. Christensen, M.D.
Sidney R. Cooperband, M.D.
Jean R. Crabbe, M.D.
Albert Damon, M.D., PH.D.
Ruben Dardano, M.D.
John Denovian, M.D.
Alvin Essig, M.D.
Edwin H. Eylar, PH.D.
John W. B. Forshaw, M.D.
Howard S. Frazier, M.D.
Lamont W. Gaston, M.D.
William A. Hall, M.D.
Richard M. Hays, M.D.
Thomas F. Hewes, M.D.
Peter R. Holt, M.D.
Jorgen G. Jacobsen, M.D.
Robert E. Kahn, M.D.
Sigetosi Kamiyama, M.D., PH.D.
Shelley Kashket, PH.D.
Jan Koch-Weser, M.D.
Marvin R. Lamborg, PH.D.
Borge Larsen, PH.D.
Augusto D. Litonjua, M.D.
Koscak Maruyama, D.SC.
Jose M. Mullen, M.D.
Perry F. Mullinax, M.D.
Ian P. Murray, M.D.
B. S. Narasinga Rao, PH.D.
Hans B. Nevinny-Stickel, M.D.
Serge D. Orloff, M.D.
Charles J. Parker, PH.D.
Beatriz G. Requena, M.D.
Dwight R. Robinson, M.D.
Hugues, Ryser, M.D.
Eduardo Salazar, M.D.
Charles A. Sanders, M.D.
Isadore Starr, M.D.
Elihu M. Schimmel, M.D.
Henry I. Schweppe, Jr., M.D.
John R. Senior, M.D.
Mary Jane Spiro, PH.D.
Robert G. Spiro, M.D.
Oscar E. Starobin, M.D.
Dorothy K. Stearns, PH.D.
Anne M. Stoffyn, PH.D.
Pierre J. Stoffyn, PH.D.

Maurice M. Pechet, M.D.
James L. Pinter
Kenneth G. Potee, M.D.
Annette M. C. Rapin, PH.D.
Gilberto Reboucas, M.D.
Lloyd B. Tepper, M.D.
John D. Turner, M.D.
Irving Weliky, PH.D.
Ralph C. Williams, M.D.
Robert G. Willocx, M.D.
Chuan-Tao Yu, PH.D.

Dermatology

Bronius Baskys, PH.D.
Edmund Klein, M.D.
Arthur D. McGugan, M.D.
Makoto Seiji, M.D.

Psychiatry

Harry S. Abrams, M.D.
John A. Baldwin, M.D.
Robert L. Bragg, M.D.
Ivor W. Browne, M.D.
Frederick J. Duhl, M.D.
Nancy A. Durant, M.D.
Bruce W. Fischberg, M.D.
Manuel Hernandez, M.D.
Robert L. Kelley, M.D.
Rodolfo R. Llinas, M.D.
Robert S. McCarger, M.A.
William F. McCourt, M.D.
Teruo Okuma, M.D.
George M. Perrin, M.D.
Nathan T. Sidley, M.D.
Richard H. Smith, M.D.
Philip R. Sullivan, M.D.
Herbert C. Wimberger, M.D.

Psychology

Cecily P. Aronson, M.S.
Marvin W. Colter, M.A.
Herbert Lange, PH.D.
John R. Newbrough, PH.D.
Selma Rappaport, PH.D.
Ascanio M. Rossi, PH.D.

Children's Medical

William J. Adelson, M.D.
Ann B. Barnet, M.D.
Estela O. Ching, M.D.
Fioravante N. Nora, M.D.
Margaret A. Single, M.D.
Juan F. Sotos, M.D.
Alan Ziskind, M.D.

Neurology

Barry G. W. Arnason, M.D.
Bernard Bihari, M.D.
George H. Collins, M.D.
Robert E. Flynn, M.D.
Ingrid Gamstorp, M.D.
Bruce W. Konigsmark, M.D.
Federico G. Lopez, M.D.
Alexander M. McPhedran, M.D.
Ernest H. Picard, M.D.
Alexander Polak, M.D.
Edward F. Rabe, M.D.
Alberto Salama, M.D.
Janice R. Stevens, M.D.
Jan Trabka, M.D.
Alfred D. Weiss, M.D.
Merrill K. Wolf, M.D.

Neuropathology

Chaim I. Mayman, M.D.
J. Gordon Millichap, M.D.
Hugo W. Moser, M.D.
Gerald F. Winkler, M.D.
Irving Zieper, M.D.

Surgery

Sudhawit Anekamaya, M.D.
Joseph E. Geary, M.D.
Paul J. Kestens, M.D.
William H. Langhorne, M.D.
Melvin Lederman, M.D.
Alberto F. Mondet, M.D.
Albert F. Parlow, PH.D.
Anne Wight Phillips, M.D.
Alejandro H. Villegas, M.D.

Neurosurgery

Earl F. Jordan, M.D.
Jesus S. Manlapaz, M.D.
Abe D. Roth, M.D.

Orthopedics

Anthony Andrikides, PH.D.
Laurence C. Bonar, PH.D.
Eubert J. Daniel, PH.D.
Ulf A. Friberg, M.D.
Bernard D. Grant, M.D.
Elton P. Katz, PH.D.
Leighton B. Richards, PH.D.
John Bong Kun Sur, M.S.

Anesthesia

James E. Anliker, PH.D.
Giulio Carugo, M.D.
Cesare G. Coletta, M.D.
Adolfo C. Coussirat, M.D.
Gianfranco Dal Santo, M.D.
Franco R. Dinale, M.D.
Michael H. M. Dykes, M.D.
Thomas R. Hackett, M.D.
Sophus H. Johansen, M.D.
Geza F. P. Kaplany, M.D.
Myron B. Laver, M.D.
Thomas E. Macnamara, M.D.
Marion Coates More, M.D.
Gene M. Smith, PH.D.
Barbara E. Waud, M.D.
Dorothy A. Wescott, M.D.

Pathology

Juan M. Arizaga, M.D.
Martin H. Flax, M.D.
William J. Foley, M.D.
Robert S. Harper, M.D.
George F. Kwass, M.D.
Lorna J. Langer, PH.D.
Teruyuki Nakashima, M.D.
Sanford I. Roth, M.D.
William M. Thurlbeck, M.D.
Giles D. Toll, M.D.

Radiology

Than Myint, PH.D.
Paul F. J. New, M.D.
Richard C. Packert, M.D.
Herbert Schunk, M.D.
Robert C. Spagnoli, M.D.
Alfred L. Weber, M.D.

Urology

Khalil Abi-Torbey, M.D.
Alan C. Markland, M.D.
Hirsch W. Sulkowitch, M.D.

McLEAN HOSPITAL

List of Officers of the McLean Hospital will be found on page 199.

The Ophthalmological and Otolaryngological needs of the Massachusetts General Hospital are served by the Massachusetts Eye and Ear Infirmary. Their Staff becomes a part of the Staff of the Massachusetts General Hospital and is as follows:

MASSACHUSETTS EYE AND EAR INFIRMARY

DEPARTMENT OF OPHTHALMOLOGY

Chief of Ophthalmology

Edwin B. Dunphy, M.D.

Consulting Chief of Ophthalmology

Frederick H. Verhoeff, M.D.

Surgeons in Ophthalmology

William P. Beetham, M.D.
Virgil G. Casten, M.D.
David G. Cogan, M.D.
Mahlon T. Easton, M.D.
Trygve Gundersen, M.D.
Brendan D. Leahey, M.D.

Associate Surgeons in Ophthalmology

Thomas Cavanaugh, M.D.
Hugh C. Donahue, M.D.
Carl C. Johnson, M.D.
Earl S. Seale, M.D.
Albert E. Sloane, M.D.
Garrett L. Sullivan, M.D.

Assistant Surgeons in Ophthalmology

D. Robert Albert, M.D.
Henry F. Allen, M.D.
Harry E. Braconier, M.D.
Frederic B. Breed, M.D.
Robert J. Brockhurst, M.D.
Julian F. Chisholm, Jr., M.D.
Joseph M. Clough, M.D.
Edward E. Covitz, M.D.
Thomas P. Cronin, M.D.
Edwin B. Goodall, M.D.
W. Morton Grant, M.D.
Warren D. Haley, M.D.
John M. Hill, M.D.
Sumner D. Liebman, M.D.
Charles H. MacLaughlin, M.D.
S. Forrest Martin, M.D.
Arthur M. Morrissey, M.D.
Henry A. Mosher, M.D.
Ichiro D. Okamura, M.D.
Richard B. Pippitt, M.D.
Abraham Pollen, M.D.
Karl Riemer, M.D.
Charles L. Schepens, M.D.
David H. Scott, M.D.
Taylor R. Smith, M.D.
William Stone, Jr., M.D.
Robert R. Trotter, M.D.
Francis J. West, M.D.

Assistants in Ophthalmology

Peter Beck, M.D.
S. Arthur Boruchoff, M.D.
S. James Bullington, M.D.
Arthur F. Calnan, M.D.
Richard B. Chapman, M.D.
David D. Donaldson, M.D.
Joseph L. Dowling, Jr., M.D.
Carl G. Freese, M.D.
Robert J. Herm, M.D.
Paul D. Hurley, M.D.
Carl Kupfer, M.D.
Robert C. Lawlor, M.D.
Byron S. Lingeman, M.D.
Irwin T. Mancall, M.D.
Bertha Offenbach, M.D.
George M. Olive, Jr., M.D.
Irving L. Pavlo, M.D.
Charles D. J. Regan, M.D.
Henry J. Ring, M.D.
Paul M. Runge, M.D.
Baruch J. Sachs, M.D.
Alfred W. Scott, M.D.
Edward C. Sweebe, M.D.
Michael Wiedman, M.D.

DEPARTMENT OF OTOLARYNGOLOGY

Acting Chief of Otolaryngology

Philip E. Meltzer, M.D.

Surgeons in Otolaryngology

Walter J. E. Carroll, M.D.
J. Charles Drooker, M.D.
John R. Frazee, M.D.
Vincent J. Kelley, M.D.
Joseph Lentine, M.D.
John R. Richardson, M.D.

Associate Surgeons in Otolaryngology

Charles Kent, M.D.
Donald K. Lewis, M.D.
John E. McKeigue, M.D.
George F. Reed, M.D.
Aram Roopenian, M.D.
Herman J. Sternstein, M.D.
Bernard Zonderman, M.D.

Assistant Surgeons in Otolaryngology

Hugo D. Angelini, M.D.
Elizabeth DeBlois, M.D.
Kenneth A. Kazanjian, M.D.
William W. Montgomery, M.D.
William P. Rogers, Jr., M.D.
Maurice Ruben, M.D.
Anthony Zovickian, M.D.
Robert E. Klotz, M.D.

Assistants in Otolaryngology

Louis E. Griffey, M.D.
Lawrence S. Hirsch, M.D.
Alfred L. Hurst, M.D.
Sidney Shore, M.D.
Morris Swartz, M.D.
John C. Trakas, M.D.
Albert Weiser, M.D.
Sidney R. Wilker, M.D.
Albert Williams, M.D.

One Hundred Forty-Sixth Report of the Trustees

THIS year the Annual Report of the Trustees will emphasize principally the Hospital's future activities.

To meet the needs of a changing society and the claims of a progressive scientific program, new buildings and an ample endowment are imperative. To meet that challenge a drive for twenty million dollars has been organized. The celebration of the Hospital's 150th Anniversary in 1961 provides the justification of this effort at this time. Bishop Henry Knox Sherrill has kindly consented to act as Honorary Chairman for the campaign with Philip H. Theopold and Francis W. Hatch as Co-Chairmen. A brochure explaining the needs of the Hospital has already been distributed to the Corporation and a limited number of friends; it will soon be far more widely distributed, and we now face the future results with confidence. Architect's drawings for a new Clinics Building are underway and a grant toward its cost from Hill Burton funds has been authorized. At the same time plans are being considered for a new operating room unit. A study is also being made to develop plans for more suitable housing for the resident staff and the needs of the Nursing School and for construction of a new Radiation Research and Therapy Building.

The Joseph P. Kennedy, Jr. Memorial Foundation made the first large gift of one million dollars to the 150th Anniversary Program of the Hospital to provide the establishment of the Joseph P. Kennedy, Jr. Laboratories for Research on Mental Retardation at The Massachusetts General Hospital. One half of the money will be spent for the construction of these laboratories and the other half will serve as an endowment to provide continuing operating funds. At the year end the 150th Anniversary Fund stood at $4,364,222.

The renovation of Storrow House in Lincoln, which has been used as a convalescent home for some years, has been underway

for several months and the end is not yet in sight, although good progress has been made. Sixty thousand dollars has already been spent and the results justify the outlay. The dining and living rooms have been charmingly decorated while a well-equipped physiotherapy room has been installed in the basement for those patients who are in need of rehabilitation. The bedrooms are in the process of being rearranged and renovated and considerable work on the grounds has already been done. Money for these expenses has been made available in part by the accumulation of contributions from Mrs. James Jackson Storrow's estate.

Other improvements include the renovation of Dr. William Beck's laboratory; the moving of the accounting department to the 12th floor of the Warren Building; the extension of the Phillips House; the installation of a respiratory unit on White 9; the alterations to Dr. Cope's laboratory and the extension of the Research Laboratory at McLean Hospital. It was voted that the elevators in the White Building be modernized. The Lincolnshire Hotel on Charles Street was purchased during this year to be used as a dormitory for freshmen student nurses and also for a few classrooms. This provides adequate housing for the young women who are tremendously appreciative.

In October the ward rates were increased by two dollars bringing them to twenty-five dollars per day. Private unit rates were increased by three dollars and there was a fifty cent increase for clinic visits. These increases have been made necessary by the continuing spiral of inflationary costs but the traditional free service has also increased and stood, for the fiscal year ending September 30, 1959, at $1,979,691.

Ether Day was commemorated as usual by the giving of service pins, and the Ladies' Visiting Committee celebrated their Ninetieth Anniversary on that day. They gave a luncheon in Bartlett Hall at which Bishop Sherrill spoke on the invaluable services of the Ladies' Visiting Committee. Our Chairman of the Board, Mr. Francis C. Gray, and our General Director Dr. Dean A. Clark also spoke; and our Director Emeritus, Dr. Nathaniel W. Faxon reviewed the history of the Committee. Mrs. Charles Almy, the present Chairman of the Ladies' Visit-

ing Committee presided and Mrs. Francis C. Gray, treasurer of the General Store presented a donation of $10,000 to the 150th Anniversary Fund representing the surplus earnings of the General Store founded and run by the Ladies' Visiting Committee.

During the year the Richardson Lectures were given by the following: Prof. Theodore Gilman of the Medical School of Durban, South Africa; Prof. R. J. Turner Warwick of the College of Surgeons in London; Prof. Eduardo C. Palma of the University of Montevideo; Dr. Meryl Rose of the University of Illinois; and Dr. Hermann Knaus of Vienna.

In August Dr. Thomas B. Fitzpatrick arrived to accept his appointment as Chief of the Dermatology Service.

Dr. Edward D. Churchill, Chief of the Surgical Services, in December 1959 was granted a leave of absence for a period of six months, and Dr. Oliver Cope was appointed Acting Chief of the Surgical Services. During his absence from the Hospital Dr. Churchill will be Acting Professor of Surgery at the American Hospital in Beirut. Dr. Churchill in June received an honorary Doctor of Science degree from the University of Alabama.

Dr. Erich Lindemann, Chief of the Psychiatric Service, was granted a leave of absence for three months during which time he will serve as Visiting Professor of Psychiatry at seven medical colleges in India.

Dr. Robert F. Loeb, Professor of Medicine at Columbia University, was appointed the first James Howard Means Visiting Lecturer.

Miss Ruth Sleeper, R.N., was one of three American nurses who was awarded the Florence Nightingale Medal by the International Committee of the Red Cross. This medal is awarded biennially for exceptional devotion to the sick and wounded.

Dr. J. Dellinger Barney died on December 15, 1959. He was a graduate of the East Surgical Service in 1905 and was appointed Chief of the Urological Service in 1925. He became a member of the Board of Consultation in 1938 and was named an Honorary Surgeon in 1948, which appointment he held until the time of his death.

Dr. Ralph Daffinee died on June 20, 1959. He was a graduate of the Children's Medical Service in 1930 and was first appointed to the staff as Assistant in Children's Medical Service.

He served in the continuing grades of Assistant and Associate Physician to this Service and held the title of Clinical Associate in Children's Medical Service at the time of his death.

ABIGAIL HOMANS
PHILIP H. THEOPOLD
For the Trustees

Report of the General Director

To the Trustees of The Massachusetts General Hospital:

IT is an honor to submit herewith the Annual Report for 1959, my eleventh as General Director.

Except for the 150th Anniversary Program the foremost event of the year, although it is as yet "a little cloud . . . like a man's hand," was, it seems to me, the adoption of the report of Dr. Francis O. Schmitt, Trustee of the Hospital and Institute Professor at the Massachusetts Institute of Technology. This report, which is discussed in some detail in the annual report of the Committee on Research, makes the bold suggestion that the Hospital not only seek full endowment for six lifetime research workers at about $500,000 each, but, more unusual, that it agree to underwrite lifetime appointments for twenty additional such persons. This is proposed in the belief that, except for occasional gaps and lapses for which an endowment of another million dollars is needed, the actual salaries and basic expenses will be paid by various granting agencies such as the National Institutes of Health, the National Science Foundation, the private foundations and voluntary health associations and societies. To put it in Professor Schmitt's words, "What we used to call 'soft' money, i.e., government and foundation grants, is really 'hard' money today—it will continue for the foreseeable future —and what we used to call 'hard' money, i.e., endowment, is really 'soft' money now, because of what seems to be permanent inflation. The Trustees, in adopting this plan, have, one might say, multiplied the usefulness of the Hospital's endowment income twenty-fold."

To support even the Schmitt plan, however, we need some five million dollars in endowment for research that so far we do not possess. Immediately following the Trustees' policy decision (to advocate the plan Professor Schmitt flew from Heidelberg for the July 17 Trustees' meeting, flying back the next day), a special committee of the staff was appointed to begin considering appointees to some of these newly approved positions. This is known as the Advisory Committee on Senior Re-

search Appointments and includes the following: Dr. William H. Sweet, Chairman, Dr. Walter Bauer, Dr. Edward D. Churchill, Dr. Henry K. Beecher, Dr. Raymond D. Adams, Dr. Paul C. Zamecnik, Dr. Erich Lindemann, Dr. Thomas B. Fitzpatrick, Dr. Alfred H. Stanton, Dr. Lewis L. Engel, Dr. Jordi Folch-Pi, Dr. Dean A. Clark, Dr. William D. Sohier, and Mr. David C. Crockett.

In 1951 the Hospital announced, in association with the Harvard Medical School, its "Ten-year Plan." The Boston press that year carried the headline "M.G.H. Pins Faith on 1961." It still does. But, looking back at the objectives given in 1951, the year of the opening of the Research Building, it is a bit of a shock to find that in spite of magnificent accomplishments many remain unrealized. Indeed, of ten goals specifically enumerated then, only two have been achieved—new laboratories for the Pathology Department, and new housing for student nurses with the construction of Bartlett Hall and the purchase of the former Lincolnshire Hotel.

Of the other goals, Harvard Medical School has taken the lead in seeking endowment for the largest and most important; namely, the support of major clinical teaching appointments. The establishment of the Harvard Medical Center, an organization which was created to seek such endowment, was a great boon to all the hospitals associated with Harvard, and all of them are helping to the utmost in this campaign.

One of the 1951 goals has been eliminated: a new laundry. Finding that, in spite of poet-laureate Hatch's magnificent appeal, no one seemed to be interested in giving money for a laundry building, the Hospital decided shortly before the end of the year to send all laundry out on a contract with a commercial laundry. This arrangement appears so far to be no more costly than our own laundry and it releases much needed hospital space.

Most of the goals of our "Ten-year Plan" are not met at the end of ten years. We have no new Clinics Building, no new operating rooms, no new facilities for radiation research and therapy, no new accommodations for the School of Nursing, no new auditorium, no new living quarters for the house staff or for graduate nurses. All of these were goals in 1951. We

have in one way or another managed to carry on in old quarters, but under serious handicaps, some of which as time goes on, are threatening to undermine a number of major hospital responsibilities. Our Clinic patients are still served in dark rooms. They must walk long corridors and cannot obtain X-ray examinations or any laboratory tests except routine ones unless they go to the General Hospital. Teaching in the Clinics is well-nigh impossible. There are no conference rooms or consultation offices. The private examining rooms, operating rooms and facilities for radiation research and therapy remain hopelessly inadequate for any self-respecting hospital.

The M.G.H. School of Nursing, not far from 100 years old —the third to be founded in this country—has, believe it or not, never had a school building. With some 450 diploma students and about 100 Simmons, Radcliffe, and other students of affiliated institutions, the School is literally crowded out of house and home. Fortunately, in good weather, classes can and do meet on the Bulfinch Lawn. A building for such a distinguished School still remains, as in 1951, in the forefront of our needs. Associated with the need for a building for the School of Nursing is the need for an auditorium that would hold as many as 500 people. The Hospital, which has almost 1,000 beds, a medical staff of over 400, well over 1,000 medical, nursing, dietetic, social service, and other students, and through which about 15,000 people pass daily, has no auditorium that will seat as many as 200. If the Hospital, collaborating with Harvard Medical School, is to keep its place as a teaching institution, it must have an auditorium appropriate to its teaching function. As can readily be seen, there is no room at the Hospital where all of its students can gather. Even more important, there is no building of the Hospital in which any major medical, scientific, or community body can meet. The principal Services, for instance, cannot invite neighboring physicians to attend their staff meetings or lectures without embarrassment. Consequently, general invitations cannot be issued, and we may appear to be excluding interested people from our exercises, which is certainly the last thing desired.

Living quarters for interns, residents, and staff nurses are still a disgrace. Unlike several hospitals of comparable size

and distinction—Johns Hopkins Hospital, New York Hospital, Presbyterian Hospital of New York, all of which have brand new living quarters for nurses and house staff and which in several instances include apartments for married house officers —the M.G.H. has, for house staff, one antiquated dormitory, the Moseley Building, and three cheaply remodelled tenements; and for graduate nurses, except those willing to live in student accommodations, no satisfactory apartment space. Until now, we have been fortunate that opportunities for learning here have been so highly regarded that trainees in one field or another have been willing to put up with these deplorable conditions. We may not always be so fortunate.

Some needs not specifically foreseen in 1951 have been met. In the beautiful Warren Building we have departmental offices and laboratories and offices for Neurology, Neurosurgery, Psychiatry, and Dermatology, as well as many offices for staff physicians. We acquired and demolished the old North Mortuary to make room for the new Clinics Building. We completed this year at a cost of $450,000 as up-to-date and spacious a Recovery Room as can be found anywhere. A 28-bed addition to Phillips House was begun and will be completed this spring. We have largely remodelled Storrow House; and we have detailed plans and financial resources for completing three new stories on the Vincent-Burnham Building, and for moving the carpentry and brace shops from the old City Stables and demolishing the old building.

The Warren Triennial Prize Lectureship was awarded this year jointly to Francis Crick, Ph.D., F.R.S., of the Cavendish Laboratory, Cambridge, England, and James Watson, Ph.D., Associate Professor of Biology at Harvard University. The lectures were held on May 18, 1959, and attracted a large audience at the Museum of Science Auditorium. It is gratifying to note that the last previous winners of this prize lectureship, in 1956, Dr. Severo Ochoa of New York University College of Medicine and a member of the Massachusetts General Hospital Scientific Advisory Committee, and Dr. Arthur Kornberg of Stanford University School of Medicine, were awarded the Nobel Prize in Medicine for 1959.

The topic of general discussion everywhere this year seemed to be how to finance health services for older people, particularly those sixty-five years old or more. While the Hospital has no specific answer to this problem, it has done a study of the costs of care of people of this age group and has found that their care as in-patients leaves the Hospital with a deficit, after payments by these patients or by any public or private agencies on their behalf, of at least $500,000 a year—or about one-third of the Hospital's total operating deficit. Our endowment and our paying patients together have so far been able to carry this load but it is surely doubtful that this is the ideal arrangement. If, as seems likely, retired elderly people as a group have serious difficulty paying for medical and hospital care—not to mention preventive medicine, then it would seem that there is an obligation on the community to come to their aid without any of the indignity of a means test. Certainly, from the Hospital's point of view, this would be an equitable way of keeping charges as low as possible.

Among staff appointments, two were unusual for M.G.H. and, hopefully, significant. The first was that of Dr. Robert H. Jones as Rehabilitation Coordinator. For several years a physician has been sought for this post and we are delighted that Dr. Jones, a Harvard Medical School graduate trained at Boston City Hospital and as a Resident in Medicine at M.G.H., has accepted it.

The other unusual appointment was that of a Hospital Sanitarian, possibly the first in the country. The appointee, Mr. Allen F. Batchelder, is a non-medical scientist, graduated in Public Health, from the University of Massachusetts in 1955. His job is to prevent all kinds of infection within the Hospital. This is, admittedly, a difficult task but it is certainly a goal worth pursuing and we are glad to welcome such a promising M.G.H. "first" in this field.

This past year, as is noted in the Annual Report of the Trustees, we welcomed Dr. Thomas B. Fitzpatrick, the new Chief of the Dermatology Service. Dr. Fitzpatrick received his A.B. degree from the University of Wisconsin, and his M.D. degree from Harvard Medical School. He was formerly Professor

and Head, Division of Dermatology, at the University of Oregon Medical School.

During the year various distinctions came to members of the staff and personnel. Among those not recorded elsewhere in this Annual Report of the Hospital are the following:

Dr. Benjamin Castleman was elected Vice-President of the International Academy of Pathology.

Dr. Edwin F. Cave was elected President of the American Orthopedic Association.

Dr. Lewis L. Engel was awarded an American Cancer Society professorship to continue basic studies in hormone research.

Dr. Nathaniel W. Faxon received an honorary degree of Doctor of Science at the University of Rochester.

Dr. Melvin J. Glimcher was presented the Kappa Delta Award by the American Academy of Orthopedic Surgeons for outstanding orthopedic research.

Dr. Joe Vincent Meigs was awarded an honorary degree of Doctor of Science by the Northwestern University Medical School.

Dr. Laurence L. Robbins was President of the Radiological Society of North America.

Dr. Marion W. Ropes received the Elizabeth Blackwell Award at the New York Infirmary. These Awards established in 1949 in honor of Dr. Blackwell, the first woman physician, are made each year to women who have made significant contributions to the science, practice, or teaching of medicine.

Dr. Milford D. Schulz was elected President of the American Radium Society.

Dr. Howard B. Sprague was awarded a citation by the American Heart Association for "Distinguished service to research." This was in recognition of five years of service on the Research Committee of the American Heart Association.

Dr. Stanley M. Wyman was named President of the New England Roentgen Ray Society.

Miss Ida M. Cannon received the Lemuel Shattuck Award at the annual meeting of the Massachusetts Public Health Association.

Miss Mary E. Converse was elected President of the Massachusetts Association of Medical Record Librarians.

Mr. William J. MacNair was elected President of the Massachusetts Chapter of the National Executive Housekeepers Association.

It is clearly evident that the preparations for the 150th Anniversary next year are uppermost in everybody's mind and are gaining in momentum from day to day. Some of the specific activities in relation to this Program are covered elsewhere in this report. It, therefore, would be repetitious for me to include these facts in my report. Instead, it seems appropriate to conclude my remarks by emphasizing the fact that in spite of all added responsibilities that are being assumed by the staff and personnel in connection with the Anniversary Program, the day-to-day activities of the Hospital continue unabated with constant focus on improved care of our patients. The efforts to achieve extraordinary goals are "in addition" and not "instead of" the efforts that, from experience, we have come to expect. This report gives us one more opportunity to express real appreciation for the spirit of cooperation and the acceptance of added duties by the staff, personnel, and volunteers.

DEAN A. CLARK, M.D.,
General Director

Report of the General Executive Committee

THE Committee has met regularly each Wednesday morning at 8:45 a.m., excepting only occasional holidays. The agenda always includes a number of Hospital Staff appointments. This duty each year consumes a greater volume of time because the total number of appointments increases and also because the need for further information often requires reconsideration of many requests at a subsequent meeting. The discussion which this subject evokes both here and at Trustee level makes it clear that no predetermined table of organization has ever dictated the composition of the Staff above the rank of Resident. Each new appointment signifies an individual need seen and acted upon; the overall staff picture thus continuously changes as the result of many forces—the General Executive Committee sees its responsibility to recognize and prevent or correct obvious distortions.

The agenda often includes specific items relating to the Hospital's educational function. During the year a number of Richardson, Means, and Vance lectureships were recommended. The Warren Triennial Prize was bestowed on Messrs. Watson and Crick who presented their complementary essays on May 18, 1959 entitled: "The Role of Nucleic Acids in the Viral Induction of Cancer" and "The Structure and Replication of Deoxyribonucleic Acid".

The General Executive Committee has received and acted on many reports from its subcommittees and from individual staff members. Action usually takes the form of an official vote of recommendation to the Board of Trustees. Items of importance for staff information or instruction will issue as Memoranda from the General Executive Committee over the signature of its secretary, the General Director of the Hospital. During the year this has resulted in a new schedule of professional fees for Baker patients, in a variety of measures designed to eliminate the hazards of cross-infection, in clear cut progress towards

final scope and architectural design of a new clinics building, a new unit for radiation therapy and research, and a new operating room suite, and in a decision to continue the School of Medical Illustration and the Department of Medical Art under a successor to be appointed when Mrs. M. McL. Miller resigns in 1960.

A few major subjects of continuing interest to the General Executive Committee recur periodically in discussion. They may be catalogued roughly as follows:

1. The material welfare of the Resident Staff. Both salaries and quarters are constantly under scrutiny with the hope of improvement.
2. The size and organization of the Active Staff. Special attention has long been bestowed on the status of individuals whose work is in nonclinical areas and who lack, therefore, the security of a private practice. Spurred by the recommendations of the Scientific Advisory Committee, the Trustees have received a report from Professor F. O. Schmitt to help formulate a plan of action in this matter.
3. The long range building program. It is never a simple matter to keep planning in this field in line with probable scientific and social trends.
4. Professional Relations with other institutions, hospitals, medical schools, and universities.
5. The smooth integration of a voluntary and charitable teaching hospital with a classless society.

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ALFRED H. STANTON, M.D.
HOWARD ULFELDER, M.D.
DEAN A. CLARK, M.D., *Secretary*

Report of the Committee on Research

IN keeping with the fact that much of the increase in research activities during the past few years has taken place in fields of medicine which are old as disciplines but new as areas for basic investigation, the Board of Trustees appointed six additional members to the Committee on Research: Dr. Raymond D. Adams (Neurology), Dr. Joseph S. Barr (Orthopedics), Dr. Henry K. Beecher (Anesthesia), Dr. Benjamin Castleman (Pathology), Dr. James C. White (Neurosurgery), and Dr. Thomas B. Fitzpatrick. Dr. Fitzpatrick, Edward Wigglesworth Professor of Dermatology and Chief of the Dermatology Service, joined the staff in September. He has been a most valuable addition to the Committee.

The most important purpose of any advisory committee is to counsel in intelligent and prescient planning for the future. An advisory committee on medical research during these, the early days of atomic energy and exploration into space, finds as one of its greatest challenges the planning for future research in the biological effects of radiation: planning so designed as to capitalize on the potential contribution of the hospital environment to this research. An *Ad Hoc* Committee on the Design and Location of Possible Facilities for Radiation Research and Therapy was appointed by the Trustees at the recommendation of the Committee on Research. Under the able Chairmanship of Dr. Earle Chapman, this Committee has attacked this problem boldly and in its preliminary report has recommended: (1) that a new building containing all present and future facilities for radiation research and therapy be erected at the present site of the Thayer Nurses Residence where it would be easily accessible to the main Hospital and yet could have such underground construction as to afford the adequate isolation of high energy generators, (2) that the use of the most modern and expensive radiation and nuclear energy sources be shared by research and therapy in such a way that during the acquisition of knowledge service to patients can also be rendered.

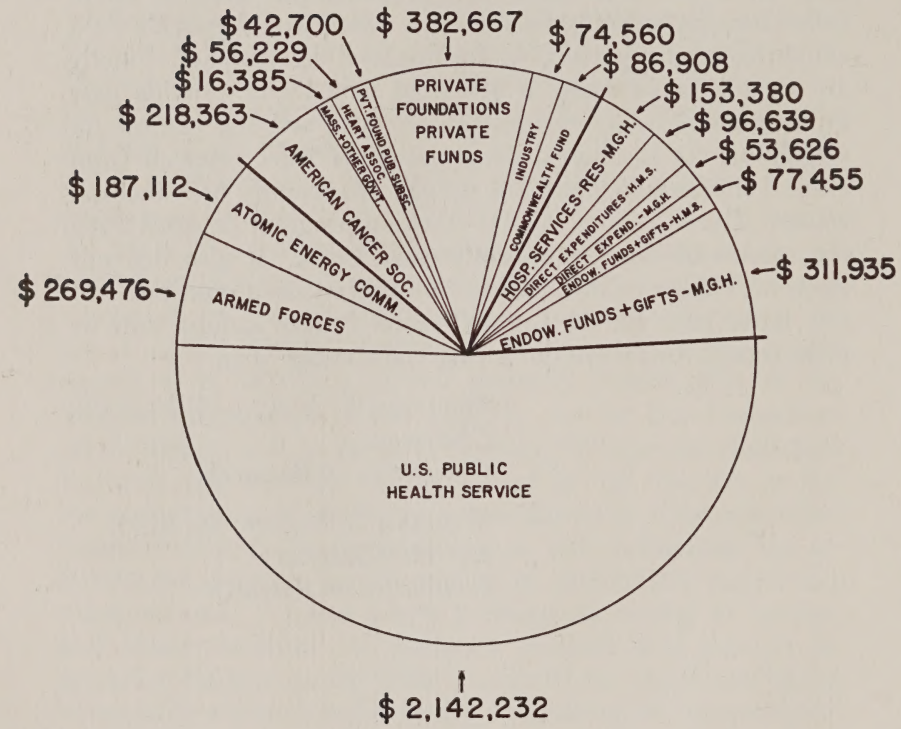
Perhaps the most significant event during 1959 was the approval by the Trustees of a formal memorandum by Professor F. O. Schmitt concerning the future of research at the Massachusetts General Hospital. Broad in scope and imaginative in its approach this memorandum contains proposals which provide a sound basis for the consolidation and growth of medical research within a teaching hospital. It is proposed, for example, that life-tenure positions be created for medical investigators of top-flight quality and that salary for these positions either be supported outright or be underwritten by the Hospital through research endowment funds. It is proposed that there be established a catalytic fund, income from which would provide fluid support for pilot projects or for financial emergencies. Finally an organizational setup is proposed which will provide easy intercommunication between the scientist and the clinical investigator; for to abolish the isolation of basic research from clinical illness constitutes the unique opportunity of a medical center. The success of this far-reaching program depends upon the success of the 150th Anniversary Drive. It also depends upon the caliber of men chosen to the life-tenure positions. To this latter problem the Committee on Research must turn its most thoughtful attention during the coming year.

WILLIAM H. SWEET, M.D., D.Sc.
Chairman
Committee on Research

WILLIAM D. SOHIER, JR., M.D.
Executive Secretary
Committee on Research

TOTAL RESEARCH EXPENDITURES-1959

$4,169,667



Report of the Vincent Memorial Hospital

AS the Vincent Memorial Hospital moves into its 70th year I am happy to report continuing progress in our service to the community. The quality of the care given by our outstanding medical and nursing staffs, and the attention to the daily comfort of the patients given by our Board of Managers make the Vincent an institution of which to be proud.

The Vincent Club by prodigious efforts raised $45,000 for the Hospital, a gift which commands admiration and respect. It is particularly important to the Hospital in view of constantly rising costs. Our gratitude is heartfelt.

It is also my pleasure to report that the Joe Vincent Meigs Professorship Fund now totals over $335,000, an increase of more than $70,000 in the last year. The Trustees are most grateful to all who have contributed to this Fund which is so important to our future.

With great regret the Trustees accepted the resignation of Henry C. Everett, Jr. from the Board last spring. Mr. Everett had been a Trustee since 1919 and President of the Board from 1928 to 1948. Under his leadership the Hospital made the momentous move from Huntington Avenue to our present building. His interest in and devotion to the Hospital have been unfailing.

CHARLES F. HOVEY, *Chairman*
Board of Trustees
Vincent Memorial Hospital

VINCENT MEMORIAL HOSPITAL

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HOSPITAL STAFF

Dean A. Clark, M.D., *Director*
Howard Ulfelder, M.D., *Chief of Staff*
Joe Vincent Meigs, M.D., *Consulting Visiting Gynecologist*

Richard R. Curtin, M.D.
Maurice Fremont-Smith, M.D.
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Ward I. Gregg, M.D.
Francis M. Ingersoll, M.D.
Janet W. McArthur, M.D.
William V. McDermott, Jr., M.D.
George S. Richardson, M.D.

Miss Mary E. Quinlan, *Assistant Director in Charge of Nursing*
Mrs. Marilyn Prouty, *Nursing Service Supervisor*
Research Associate in the Vincent Memorial Hospital Laboratory
Albert F. Parlow. Ph.D

Vincent Memorial Hospital

THE year's statistics indicate continued full activity in every aspect of this Hospital's functions. There were 703 patients admitted to the Ward Service and 743 to the private floor. Over 4,100 visits were made to the Ambulatory Gynecological Clinic, exceeding any previous year's record. Our facilities are thus usually at capacity, particularly with respect to personnel and I wish, therefore, to express special appreciation to the nurses, aides, volunteers, and supervisors of the Hospital and Clinics for their constant assistance in keeping the apparatus for good patient care in continuous smooth running order.

The staff has recorded no major changes. Its teaching hours increase somewhat as curriculum modifications and educational practice at the Harvard Medical School emphasize more the instruction of students in small groups. The two weeks Post-graduate Course arranged by Dr. Francis M. Ingersoll once again evoked the staff's enthusiastic best efforts. The students attending sensed and responded, as always, with gratitude. The cocktail party given by the Vincent Club, now an institution during the course, introduced its customary early atmosphere of friendliness among the students and instructors. The Board of Managers' coffee party gave our visitors a glimpse of what really makes the Hospital tick. A number of foreign colleagues also spent some time with us during the year and two lectures were sponsored in conjunction with the Huntington Memorial Laboratories, one by Dr. James B. Brown of Edinburgh, the other by Professor E. C. Amoroso of London.

Approximately twenty publications attest the diligence of our staff in maintaining its scientific output. The subjects include all aspects of the specialty, from basic science through clinical experience. In addition we were regularly represented on the program of every important gynecologic meeting.

On September 29, 1959 Dr. Meigs received the degree of D.Sc. *honoris causae* from Northwestern University Medical School in Chicago at its Centennial Celebration and Founders' Day exercises.

The citation stated: "a gifted teacher, a constant student, a

skillful surgeon, he is one of the foremost gynecologists and pelvic surgeons in America. Efficient, industrious and respected by his contemporaries, he has contributed continuously during the past decade to progressive thinking and present knowledge about the treatment of cancer of the female genital organs; thereby making the life of many patients more secure and happier. Combining successfully the role of research investigator and clinical surgeon, he has been honored many times and in many ways by his colleagues at home and abroad." Our distinguished mentor delivered a dissertation on his special subject, "Cancer of the Uterine Cervix", on the occasion which was deemed a classic.

Research has made progress in both clinical and laboratory areas. The results of treatment of ovarian cancer with special drugs has been reported by Dr. Green and methods of enhancing this effect by circulating the drugs only in the areas of disease together with efforts to protect the bone marrow are being studied by Dr. Richardson. Dr. McArthur is observing the effect of agents inducing a pregnancy-like state on a selected group of patients with endometriosis. And the collaborative program with the Massachusetts General Hospital Department of Radiotherapy to evaluate methods of selecting the proper treatment for patients with cancer of the cervix has been continued along the lines originally proposed by Drs. Graham and Meigs.

In the laboratory Dr. McArthur in collaboration with Drs. Pennell and Antoniades of the Protein Foundation has continued the study of the gonadotropic hormones derived from human pituitary tissue, plasma and urine. The plasma gonadotropins have been found to be transported in association with the α_2 and β_1 globulins. Menopausal urine extracts prepared in Great Britain and Denmark for use as biological standards have been assayed by a variety of techniques. Qualitative differences between the preparations have been demonstrated, and found to depend upon the extraction method that had been employed.

During the past year Dr. Albert Parlow has modified the ovarian ascorbic acid depletion technique, a sensitive method of biological assay for the luteinizing hormone, in order to achieve optimal conditions of precision and convenience. The method

has been applied to study the fate of this hormone in the body and it has been learned that it is rapidly destroyed in the blood, in contrast to the effect on similar hormones from the placenta.

The sequence of changes in pituitary and plasma concentrations of L.H. following removal of the ovaries has been documented quantitatively. This will serve as a baseline for further studies on the regulation of secretion of L.H., especially by steroid hormones.

In addition, a hitherto unknown action of L.H. has been identified; namely that it can stimulate secretion of estrogen by the corpus luteum.

Dr. George S. Richardson continues his studies on the human ovary, in an effort to isolate hormone directly from the gland and to elucidate the methods by which estrogens in particular are synthesized there. In various laboratories several estrogens have been isolated from human urine; it remains to discover which are produced by the ovary itself. Data from our experiments now show that the male hormone (testosterone) is converted by the ovary not only into an estrogen (estradiol) as was previously known but into several other compounds as well. Much further work will be necessary before these compounds are exactly identified.

This report is the eleventh since the Vincent Hospital opened its own building on the grounds of the Massachusetts General. In that interval over 7,000 women have been patients on the Ward Service (Vincent 2), more than one quarter of them suffering from cancer. Almost eighty physicians-in-training have been assigned to this unit and have regularly maintained a superior quality of care, while learning and perfecting the special skills which distinguish gynecology from surgery and medicine in general. These facts are quoted to indicate the extent of our participation in the education of physicians, a new function assumed by this Hospital when the present ward was opened.

In the same interval research has grown from a tiny cytology laboratory into a full scale program filling a hospital wing on the ground floor. These two new functions, therefore, are now well developed and occupy positions as significant as patient care in the daily order of hospital business. This state of things

is the norm for teaching and university hospitals. It is obvious that the Vincent is now such an institution in the full sense of the words.

HOWARD ULFELDER, M.D.
Chief of Staff
Vincent Memorial Hospital

Report of the Board of Managers
Vincent Memorial Hospital

IN last year's report I stated that the basic responsibility of the Board of Managers is the hospital patient. This primary concern leads in turn to the varied and interesting activities of the Board, and an account of these activities branching out from the individual patient gives a clear picture of our work during the year.

Our first and most important duty is the visiting of patients, particularly those who are without families or friends in the vicinity, and due to the Hospital's worldwide reputation, there are many. This is a truly rewarding and appreciated service. Through the reports of the Board's monthly visitor and Miss Quinlan we are kept in touch with those particularly in need of a friendly call. To further make the patient's stay in the hospital as pleasant as possible, we arrange for special celebrations on Christmas, Thanksgiving and other holidays, with appropriate gifts and favors.

The therapeutic effect of pleasant surroundings is well recognized. With this in mind we attempt to make the Hospital as attractive and comfortable as we can. We have an active decorating committee with Mrs. Allen as Chairman. This year the Board has supplied new lamps and re-covered the furniture on the second floor solarium. We have continued our interest in the Out-Patient Department. On Mrs. Courtney's recommendation the Board is supplying new examining robes in color rather than the standard white for our clinic patients. Both the medical and nursing staffs are enthusiastic about this innovation. No other department in the Massachusetts General has them, and it is felt that they will do much to boost the morale of the patients.

Although not responsible for the Art Wagon, we welcome this splendid service run by the Ladies Committee of the Institute of Contemporary Art for the opportunity it gives the patients to have pictures of their own choosing to hang on the walls near their beds.

As a gesture of appreciation to all within the Vincent who do such a splendid job we have every year in November our birthday party—a coffee party at which we entertain all Vincent personnel. The Board particularly enjoys this occasion to greet those on whom all depend so much.

At our monthly meetings in addition to the visitor's report and that of Miss Quinlan, we hear from Dr. Ulfelder. He is always interesting and keeps us in touch with staff affairs and the laboratory, also giving us valuable suggestions as to further responsibilities we might undertake for improving our services to the patients.

We also enjoy hearing from Mrs. Green of the activities of the Vincent Club whose annual show has contributed so much to the Hospital during the past sixty-eight years. We also welcomed the provisional members of the Vincent Club who, under the guidance of Mrs. Gray, Miss Minot, Mrs. Parker and Miss Rackemann, toured the Hospital last fall.

These then are our basic activities and responsibilities. We are more effective because of our affiliation with the Massachusetts General Hospital. As representatives of our Board on the Coordinating Committee of the Massachusetts General Hospital, Mrs. Patterson and Mrs. Rice keep us informed as to the activities of other groups in the greater hospital family. Miss Bartol reports to us on the Trustee Advisory Committee to the Volunteer Department.

We often have the privilege of having Dr. Clark at our meetings. Dr. Clark discusses with us not only current affairs and future plans for the Massachusetts General Hospital, but also the problems confronting all hospitals in the community. The Board's knowledge of community problems is furthered by reports from our representatives to the New England Hospital Assembly, and the Massachusetts Hospital Association meetings for Auxiliaries.

Possibly one of our most rewarding activities which we share with the Vincent Club is entertaining the doctors attending the Harvard Medical School Postgraduate Course in Gynecology held each year at the Vincent Memorial Hospital. It is a pleasure to talk to these men and women from all over the

world and they are unfailingly appreciative and impressed with our Hospital.

It is with sincere regret that I report the death on July 3, 1959, of Mrs. Ellerton Pratt Whitney, an Honorary Member of our Board. Mrs. Whitney was a devoted member of the Board from 1905 until she resigned shortly after we became affiliated with the Massachusetts General Hospital. She was one of the first members of this Board to be invited to join the Board of Trustees. Mrs. Whitney was always generous with her interest and time and it was upon her that Miss Fraser, superintendent of the Hospital for thirty-eight years, depended most for friendship and help of all kinds.

MURIEL G. S. LEWIS
President, Board of Managers
Vincent Memorial Hospital

Annual Report of the Department of Pathology

IN April of 1959, the members of the American Association of Pathologists and Bacteriologists and the International Academy of Pathology convened in Boston and we were proud to show our new laboratories to pathologists from all parts of the country. A reception in the Tracy Burr Mallory Memorial Library was attended by many of the late Dr. Mallory's friends who had not previously seen this memorial. At the conclusion of the meetings one of the guests, Dr. Victor Harrison, Professor of Pathology at the Postgraduate Medical School in London, spent a week with us as Visiting Pathologist *pro tempore.* During his tenure he conducted the weekly Clinicopathological Conference and the two daily conferences for our staff, and delivered lectures on pulmonary hypertension and Hodgkin's disease.

In Japan a year ago Dr. Paul D. White arranged with Dr. Tamaki Imai, Professor of Pathology at Kyushu University, to compare the extent of coronary-artery disease in Japan with that in the United States. Dr. Imai and now one of his associates, Dr. Teruyuki Nakashima, have studied coronary arteries in our laboratory in collaboration with Dr. Ira Gore of the U. S. Veterans Administration Hospital in West Roxbury. In 350 consecutive autopsies at the Massachusetts General Hospital the coronary arteries were examined grossly and microscopically and compared with a similar series studied in Japan. The results confirm the clinical impression that coronary atherosclerosis and ischemic heart disease constitute a far greater problem in this country than in Japan. For example, the coronary arteries of the Bostonian male at the age of forty years correspond to those of the Japanese male at the age of sixty-five years.

Dr. Walter Putschar, who trained in Vienna and for twenty-five years was pathologist to the Charleston General Hospital in Charleston, W. Va., joined our laboratory in May. He is an authority on bone disease and has been working with Dr.

Dudley on problems in this field. At the present time, he is consulting pathologist to the medical schools of the three universities in Taiwan under the aegis of the International Cooperative Agency. He plans to return to the laboratory in the autumn of 1960.

The introduction of post-sophomore research fellowships enabling medical students to spend a year in our laboratory and of a research training grant for pathologists interested in an academic career has attracted to our laboratory a group of highly qualified men from various medical schools and hospitals. For many years, for example, few Harvard Medical School students entered the field of pathology, but we are pleased to report that 6 graduates of Harvard Medical School are now on our resident staff.

A radioisotope laboratory under the direction of Dr. Vickery was completed this year and provides facilities for the application of isotope technics in the study of thyroid disease. The laboratory is equipped with a special hood constructed with radiation shielding, a dark room with apparatus for gross and microscopical autoradiographic preparations, shielded storage space for radioactive substances, and facilities for histochemical analysis. Currently, this new laboratory is being used for a number of projects: the analysis of thyroid cancer tissue for I^{131} uptake; the correlation of histologic, radioactive and histochemical findings in thyroid cancers and nodular goiters by means of giant autoradiographic and histologic slide preparations; a further correlation of these findings with the uptake of I^{131} in vivo; assays of radioactivity in rat thyroids treated with sublethal doses of radiation; and studies with tritium-labelled thymidine of thyroid-cell hyperplasia.

Dr. Cohen with the assistance of Dr. Balogh has devised histochemical technics for the demonstration of oxidative enzyme systems and applied them to the study of these important steps in intermediary metabolism, with particular attention to the liver, white blood cells, adrenal cortex, pancreas, thyroid, parathyroid and intestine. Dr. Scully is applying these technics to the endometrium. Dr. Rudolf Siebenmann, a pathologist at the University of Zurich, spent a year with us studying cases of the adreno-genital syndrome and other endocrine diseases. Dr. At-

kins has continued to develop the bone-marrow bank and has made a study of the use of autologous marrow in patients who have received total-body irradiation or large doses of chemotherapeutic agents for leukemia and malignant tumors. His present work includes the use of chromosome squash preparations in search of the chromosomal abnormalities in various disease states. It is hoped that this procedure will contribute to our knowledge of such conditions as Turner's syndrome, Mongolism and leukemia.

This past year we received a substantial research grant permitting the addition of a second electron microscope and ancillary equipment to the existing facilities in the Edwin S. Webster Memorial Laboratory. Dr. James B. Caulfield, who is an experienced electron microscopist and has worked at the Rockefeller Institute and at the University of Kansas, has recently joined our department, where he will continue his studies on the correlation of fine structure and biochemical function in tumors. In addition to his work on renal and vascular disease, Dr. Spiro is devoting part of his time to training pathologists and neuropathologists in modern cytologic technics. Studies of experimental demyelinating disease by Dr. Webster and of fine structural changes in the contractile mechanisms in experimental muscle ischemia by Dr. Stenger continue.

The statistics of the diagnostic examinations follow:

	1958			*1959*		
	MGH	*Outside*	*Total*	*MGH*	*Outside*	*Total*
Autopsies performed	854	312	1,166	761	236	997
Percentage of Patients dying in MGH	71%			69%		
Surgical specimens	9,917	2,392	12,309	10,002	2,225	12,227
Microscopic preparations			70,363			66,698
Cytological specimens			10,057			10,056

BENJAMIN CASTLEMAN, M.D.
Chief
Department of Pathology

Annual Report of the John Collins Warren Laboratories of the Huntington Memorial Hospital of Harvard University

ALONG several separate lines, the past year has witnessed progress in our understanding of the nature of the cancer cell and of the neoplastic transformation. In a number of laboratories, evidence has accumulated to indicate that a number of malignant tumors of mice can be induced by means of tumor viruses. These viral agents are being subjected to biochemical procedures which have recently proven useful in the separation and isolation of nucleic acids. It is becoming clear that the tumor viruses are special forms of nucleic acids which multiply within susceptible animal cells. Still unanswered but demanding of our urgent attention is the question of whether human tumors are also viral in origin. In these laboratories Dr. Littlefield has collaborated with Dr. James Watson of the Biology Laboratories of Harvard and Dr. Hugh Huxley of England to prepare specimens of the Shope rabbit papilloma virus for electron microscopy. Elegant electron micrographs have been taken, which show this animal virus to resemble a raspberry, and to be constructed of many smaller units joined together. How this type of structure is duplicated within the cell is a mystery. There is little doubt however that while the virus prospers, the host cell which nourishes it suffers and loses regulatory mechanisms which distinguish the controlled growth of the normal cell from the uncontrolled growth of the malignant one.

The efforts of much of our laboratory are directed toward elucidation of the growth control mechanism, and the detailed steps by which protein and nucleic acid are synthesized. The devising of new chemotherapeutic agents depends on this type of study and, in addition, the ability to recognize opportunities which unexpected observations provide.

This year we were most fortunate in having the American Cancer Society join hands with Harvard University in creating a new life-time faculty position for Dr. Lewis Engel in recognition of his outstanding work on the steroid hormones and their relation to growth. This award provides the endowment for a Professorship for Dr. Engel, and makes it possible for him to devote his life to cancer research. It is this type of award for our senior investigators which is most needed and does the most good for cancer research at the present time. There is sufficient money to support research projects and younger investigators, but seasoned men still lack the security necessary for successful long-time pursuit of this difficult adversary.

A most interesting discovery stems from the long-term interest of Drs. Engel and Scott on the interaction of steroid hormones with nucleotides and related compounds. In collaboration this year with Mrs. Roberta F. Colman they carried out experiments based upon the working hypothesis that if steroid hormones are bound to the adenine moiety of a nucleotide coenzyme, such as diphosphopyridine nucleotide (DPN), the rate of an enzymatic reaction in which DPN functions as coenzyme might conceivably be altered in the presence of the hormone. For a variety of reasons, glutamic dehydrogenase was selected as the enzyme to be studied and corticosterone the steroid. It was indeed found that when DPN was the limiting reagent in the reaction, the rate of the enzymatic reaction was *increased* 5 to 15%. Furthermore, the reverse reaction was significantly *inhibited* by corticosterone. This effect was manifest with corticosterone at extremely low concentrations. That such reactions might occur in living cells (a parallelism with biologic activity) was suggested by several experiments. For example, epicorticosterone, a biologically inactive isomer of corticosterone, had no effect upon the rate of the reaction; and deoxycorticosterone, a non-glucogenic steroid, had no effect on the reverse reaction. Such an effect of low concentrations of a certain steroid upon an enzyme system that occupies a key role in metabolism, raised the hope that we may be closer to an understanding of hormonal control mechanisms. This is an exciting area of biochemistry, which is receiving active attention in several other laboratories as well.

Dr. Engel, Dr. Weliky, and their co-workers have also continued to study the metabolism of C^{14}-progesterone, using their recently developed techniques for the separation of progesterone metabolites in urinary extracts. Already this work indicates that extensive hydroxylation and degradation of the administered progesterone occurs in the body, and studies are in progress to identify the numerous metabolites detected. Long-term studies on the biosynthesis of steroid hormones in testicular tumors have also been continued, providing the general picture that this kind of tumor bears a remarkable resemblance to normal adult adrenal gland in terms of its overall synthesis of steroid hormones. Dr. Purdy has now completed his studies on the identification of the principal estrogens circulating both in the plasma of individuals treated with radioactive estradiol and in pregnancy plasma. Estrone sulfate appears to be one of the principal forms in which estrogen is transported in the plasma while smaller amounts of estrone glucosiduronate are also present. It is of interest that his experiments have failed to confirm earlier reports in the literature of significant association of plasma estrogens with the β-lipoprotein fraction.

The two surgical members of the Huntington Laboratories, Dr. Russell and Dr. Grillo, have during the past year continued their studies on tissue transplantation biology and on wound contraction respectively. Dr. Russell has been particularly interested in the graft versus host reaction in neonatal mice, as exemplified by "runt disease." When neonatal mice have received an intravenous injection of homologous lymphoid cells, their normal weight gain suddenly ceases 5-8 days later, and death ensues in 10-30 days. Certain pathological changes fairly typical of runt disease are demonstrable. On the other hand, if the original homologous cells are mixed before injection with an equal number of isologous cells harvested from animals previously sensitized to the homologous strain, continued normal weight gain occurs. Likewise, secondary intravenous injections of such sensitized cells into prospective runts 2-4 days after birth will ensure normal development. But sometimes runt disease appears at a later time, indicating that the originally injected homologous cells, or some of their progeny, are still present and immunologically active. A third injection of sensi-

tized cells at this point may depress this influence again sufficiently to permit another phase of weight gain. It bears emphasizing that the graft versus host reaction is one of the major stumbling blocks to the use of transplantation in the clinic, and it is to be hoped that studies such as these will eventually enable us to circumvent this reaction.

With Mr. Gittes, Dr. Russell has also continued his interesting studies on parathyroid transplantation. In particular, they have investigated various conditions for the freezing and storing of parathyroid glands. It is planned that parathyroid tissue from several human donors will be obtained, preserved, and given to an appropriate hypoparathyroid patient, in hopes that at least some tissue will function and be tolerated immunologically.

In the last Annual Report, we mentioned that Dr. Grillo had obtained considerable data indicating the normal contraction of wounds to be the result of a directed migration of mesenchymal cells. During the past year he has strengthened this conclusion by noting that in scurvy, where no collagen fibers are formed, contraction proceeds normally. Again it appears to be due to the activity of the fibroblasts at the margin of the wound. These findings have been documented by extensive studies with both the light and electron microscopes. Dr. Grillo has found that various factors such as denervation, the local deposition of steroids, various enzymes or cytotoxic agents, or the systemic use of several cytotoxic agents have no effect on the wound connective tissue response. However, contraction is slowed by local X-irradiation up to several days after the wound is made. The effect of this agent will be studied further.

Dr. Gardella's research is also concerned with the effects of ionizing radiation upon cells. He is interested in whether the inhibition of deoxyribonucleic acid (DNA) synthesis is a primary effect of X-irradiation or secondary to mitotic inhibition. So far there is reason to suspect that various tissues may show differing responses in this regard. Thus in past work Dr. Gardella found that DNA synthesis in ascites tumor cells was not affected by irradiation until shortly before mitosis would have occurred; whereas in other mammalian tissues, DNA synthesis was inhibited more immediately following irradiation. His

results during the past year indicate that a situation similar to that occurring with the ascites tumor is found following irradiation of synchronously dividing arbacia embryos. The reverse situation obtains in synchronized protozoa, *i.e.,* following irradiation DNA synthesis was arrested very early in the growth cycle, suggesting that the action is direct and independent of the effect of irradiation on mitosis.

The group of investigators studying protein synthesis, Drs. Stephenson, Hoagland, Loftfield, Scott, Lamborg and Monier have this year concentrated on the immediate role in protein synthesis of soluble ribonucleic acids. The binding of amino acids each to a specific small ribonucleic acid (RNA) molecule has been extensively investigated in this laboratory during the past few years. More recently, the transfer of amino acids from soluble RNA to the template RNA of the microsomes has received especial attention. Soluble enzymes plus the triphosphate, of adenosine and guanosine are necessary for this transfer to take place. It has been found that some part of the small soluble RNA molecule is transferred to the larger microsomal nucleic acid along with the amino acids. Dr. Monier has worked out a method by which large amounts of soluble RNA can be obtained from yeast cells, and work has begun toward the separation of soluble RNA into its component molecular species.

In addition, Dr. Lamborg has begun the characterization of a cell-free system from *E. coli* which incorporates amino acids into proteins. Already many similarities are apparent between this system and that derived from rat liver, which has been studied for a number of years here. Dr. Loftfield has been particularly interested in how the synthetic process unerringly selects the appropriate amino acid for each position in the finished protein. To investigate this problem, he has developed a new assay method for the amino acid activating enzymes and by the use of natural and unnatural amino acids he has been able to distinguish at which of the several enzymatic steps leading to protein synthesis such selectivity occurs.

Besides the research described above, individual projects relating to normal and abnormal growth claim the attention of several other investigators. Dr. Aisenberg continues his studies on the Pasteur effect in cell-free systems composed of liver mito-

chondria and the supernatant glycolytic system from brain or tumor. He is now comparing normal and tumor mitochondria with regard to their respective amounts of mitochondrial nitrogen, the distribution of oxidative activity within the cell fractions obtained by the usual sucrose fractionation method, the ratios of phosphate esterified to oxygen consumed, and the response of oxidative rates to the presence and absence of phosphate acceptor.

Dr. Baker, working with patients suffering from endometrial carcinoma, has recently found this to be another tumor which can be benefited by the administration of hormones such as progesterone. Five of 15 cases of endometrial cancer so treated showed objective regression of tumor nodules for up to 4½ years.

In the few months since Dr. Bucher has returned to this laboratory following a year and a half in London, Munich, and Berkeley, she has begun work once more on cholesterol metabolism as well as liver regeneration. In Dr. D. Mazia's laboratory at the University of California, she used radioautographic techniques to try to dissect the various events which occur during the initial divisions of sea urchin eggs.

Dr. Maurice has continued his work on the thromboplastic behavior of phospholipid suspensions and the specific interaction between phospholipid suspensions and purified proteins. It has become clear that this work, initially concerned primarily with the clotting mechanism, has interesting implications in regard to the ultrastructure of cell membranes, which are in part composed of phospholipids and proteins.

In addition to his activities as Secretary to the Research Committee of this Hospital, Dr. Sohier has carried out further studies on the possible causes of the latent extra-corpuscular hemolytic anemia seen in many patients with widespread carcinomatosis.

Dr. Spector, in association with Dr. F. Maloof, has been interested in the metabolism of the goitrogen, thioruea, by thyroid cell fractions *in vitro*. A variety of evidence indicates that a disulfide bond in the thyroid protein is cleaved by thiourea, forming in the process of a new disulfide bond one partner of which is the thioruea molecule. He has also con-

tinued his studies on the mechanism of citrulline synthesis in collaboration with Dr. M. E. Jones.

Fifteen years have now gone by since the end of World War II, and ten years since the support of cancer research grew to adult proportions. The belief has come to many investigators, including the present writer, that the answer to this difficult problem will not come from a crash program designed to exploit knowledge presently available, but rather will come from the patient acquisition of new information on the machinery of growth, plus unanticipated biological discoveries.

PAUL C. ZAMECNIK, M.D.
Director

Report of the Coordinating Committee

THE reports of the member groups of the Coordinating Committee appear below for the Ladies' Visiting Committee of the Massachusetts General Hospital, the M.G.H. Staff Wives Association and the Distaff Club. Elsewhere in the Annual Report will be found the report of the Board of Managers of the Vincent Memorial Hospital, also a member group of the Coordinating Committee.

MRS. CHARLES ALMY, CHAIRMAN, PRESENTS THE FOLLOWING REPORT FOR THE LADIES' VISITING COMMITTEE:

During the year from October, 1958 to October, 1959 the Ladies' Visiting Committee completed its ninetieth year of service to the Hospital. The luncheon in honor of the occasion was held in Bartlett Hall on October 16 and should properly be in next year's report. Since the plans were made during this past year, however, it seems appropriate that we should mention the event at this time. It was attended by past and present members of the Ladies' Visiting Committee, Trustees, Members of the 150th Anniversary Program Committee and the Coordinating Committee.

Following are brief reports of the various subcommittees.

Ward Visiting was covered in the long term wards of Bulfinch and White. Some visiting was done in Baker and the Phillips House for out-of-state patients. The Head Nurse, the Ward Secretary and the Chaplain are all very helpful in suggesting patients who are most in need of visitors.

The Baker Coffee Service maintained its regularity through the efforts of 26 volunteers, and one paid person who carried on in July and August. In the process of fulfilling the original purpose which was to add to the comfort and morale of the patients waiting to be admitted, the Coffee Service has also contributed to a closer relationship between the Baker personnel and the Ladies' Visiting Committee.

To Mrs. Warton and her assistants in the General Store we acknowledge appreciation for the purchase and arrangement of

attractive wares. Out of the profits of the General Store, accumulated since its beginning, a gift of $10,000 from the Ladies' Visiting Committee to the 150th Anniversary Program was presented to the Trustees at the Ninetieth Birthday Luncheon on October 16. This was due to the hard work of the store personnel; and to the patients, their visitors and the Hospital Family who patronize the Store.

The financial report of the General Store, which is operated by the Ladies' Visiting Committee for the benefit of the Hospital, is as follows:

Balance on hand December 30, 1958		$ 9,010.52
Cash Receipts		72,319.57
From the General Store's invested funds		10,000.00
Total		$91,330.09
Expenses:		
Salaries	$ 8,659.39	
Stock Purchased	51,873.86	
Utilities Charge	172.12	
Miscellaneous (Includes Excise Taxes)	342.72	
Total Expenses		61,048.09
		$30,282.00
Paid to Ladies' Visiting Committee	$14,000.00	
Paid to M.G.H. Staff Wives Association	250.00	
Expenses of Baker Hostess Service (Dietary Department through November 21st)	239.77	
Total Paid Out from Earnings		14,489.77
		$15,792.23
Sent to Treasurer of the M.G.H. for Investment		5,000.00
Balance on hand December 28, 1959		$10,792.23

SUMMARY

Receipts	$72,319.57	
Expenses	61,048.09	
Cash Gain	$11,271.48	
Decrease in Inventory	790.00	
Gain for 1959	$10,481.48	
Value of inventory December 28, 1959		$ 3,152.00

The appearance of the Store Cart on the wards plays a double role. Besides a profit to the General Store, it brings a visitor to the patient. The net sales for the year were $1,495. This profit was produced by the efforts of 17 volunteers.

The Chapel Chairman with her assistants has kept arrangements of fresh or artificial flowers on the altar. Special attention was given to the days when concerts were held in the Chapel. It was necessary to have the dorsal, the ornamental cloth hung at the back of the altar, cleaned this year. The budget for this Committee was $300.

The Christmas Chairman began preparations early in the fall in order to have the Program listing the holiday events printed and distributed at Christmas time.

The children's party in Burnham was held on Thursday afternoon, December 24. Presents were especially selected for the patients. The party was entirely arranged by the members of the Burnham Recreation Department with whom the patients are familiar. Most of the families of the children were present for the festivities and refreshments.

Artificial trees and ornaments, finger paints for window decoration and two Santa Claus suits were provided by the Ladies' Visiting Committee. The budget for the Christmas Committee was $600.

The Plant Committee arranged decorations for special events throughout the year with particular emphasis at Christmas. There were decorations in the lobbies of White, Baker Memorial, and Phillips House.

The Furnishings Committee spent $1,200 for the refurbishing of the solarium on Burnham 6 and gave new curtains for Burnham 4. They also had the Children's Clinic repainted and new curtains hung in it.

The Lawrence Fund gave two machines to the Hospital, valuable in the treatment of Parkinson's disease. These were given in memory of Mrs. Philip S. Dalton, a former chairman of the Ladies' Visiting Committee.

The Warren Library was given five subscriptions each to *The National Geographic, Holiday, The Readers Digest* and *The Good Housekeeping* for the Library Cart.

The Occupational Therapy Department was given money to cover the salary of a Diversional Therapist; $100 to be used by the Director for parties for the patients; and a Structo-Art Craft Loom.

A radio and phonograph were provided for Bulfinch 7; televisions for Bulfinch 8 and White 12; and a portable TV for Burnham 5.

Representatives of the Ladies' Visiting Committee attended all of the meetings of the Coordinating Committee, the Volunteer Advisory Committee and the Social Service Advisory Committee. The opportunity to attend these meetings allows the Ladies' Visiting Committee to keep in touch with the vital activities in these varied phases of Hospital life.

The Committee was represented at the New England Hospital Assembly and the Massachusetts Hospital Association Auxiliaries Meeting as well as the American Hospital Association Auxiliaries Meeting in New York. These meetings give a broader outlook to the problems and ideas shared beyond the area in which the Committee works.

The Ladies' Visiting Committee having completed ninety years of service now sets its sights toward the Centennial.

The Report of the Treasurer, Miss Anna P. Revere, is published in detail for the first time, because the committee felt that it gave a better picture of the way in which the Ladies' Visiting Committee serves the Hospital. This Report appears on the following page.

Ladies' Visiting Committee
Report of the Treasurer
1958-1959

FUNDS	*Balance on hand October 2, 1958*	*Receipts*	
Mabel Hovey Harris Fund	$ 160.96	$ 381.00	
Sarah Proctor Joslin Fund	25.01	100.73	
Marion Lee Lawrence Fund	3,097.47	1,123.30	
Annie Norton Ward Fund		100.73	
Katharyn Hoyt Watson Fund	.86	100.73	
General Store Fund	2,664.72	4,565.00	
Travelli Rare Drug Fund	500.00	2,000.00	
Total Receipts			$14,820.51
EXPENDITURES			
Mabel Hovey Harris Fund			
Televisions—Bulfinch 8 and Burnham		288.00	
Curtains O.P.D.		43.00	
1957 Expenditure		23.12	
Sarah Proctor Joslin Fund			
Loom, Occupational Therapy Department		73.39	
Marion Lee Lawrence Fund			
Dr. Robert Schwab: Equipment for Research in Parkinson's Disease. In memory of Susan H. Dalton		1,625.00	
Redecorating Burnham Solaria		1,195.42	
Lawrence Room expenses		2.36	
Annie Norton Ward Fund			
Magazine Subscriptions, Warren Library		93.25	
Katharyn Hoyt Watson Fund			
Portable Radio		17.75	
Record Player, Bulfinch 7		42.50	
General Store Fund			
Salaries		3,503.33	
Social Service Relief Fund		500.00	
Diabetes Clinic — U/D Dr. Reed Harwood		250.00	
Christmas Committee L.V.C.		699.79	
Chapel Committee		186.45	
Plant Committee		169.92	
Ward Visiting Chairman, Discretionary Fund		50.00	
Ladies' Visiting Committee Chairman Discretionary Fund		58.05	
Distaff Club, Emergency Ward Waiting Room		49.90	
Art Wagon		100.00	
Dietary Department, 5 Stainless Steel punch bowls		61.75	
Burnham and Occupational Therapy Recreation Funds		38.20	
L.V.C. Emergency Recreation Fund		100.00	
Baker Newspapers		101.30	
Office Expense		54.00	
Representative, American Hospital Association Meeting		111.46	
Portable Television, White 12		148.90	
Miscellaneous		184.75	
Travelli Rare Drug Fund		2,000.00	
Total Expenditures			$11,771.59
Balance, October 1, 1959			$ 3,048.92

MRS. ALFRED KRANES, PRESIDENT, PRESENTS THE FOLLOWING REPORT OF THE MGH STAFF WIVES ASSOCIATION:

Following is the annual report of the M.G.H. Staff Wives Association. The year has shown a period of increased activity, particularly at the Reception Center. This, of course, is rewarding to us, for it gives a sense of real value to the work we are doing.

The Reception Center, which is our focal point of work, has been enlarged to about twice its original size. We are grateful to the Hospital for realizing this need, and for the planning and construction. We now have an outer office for visitor registration, and an inner office for conferences, committee work, storage of files, etc. We are pleased to note that more and more frequently the foreign visitors are sent or brought by their department heads to register, and to seek whatever help or advice we can give. During the past year, at almost any given time, approximately 150 foreign visitors have been registered with us, representing about 50 different countries. It is difficult to visualize how much of the vast world has representation, unless one sees all of the countries listed. Working with and helping these many interesting people is in itself gratifying and stimulating. We realize, too, that to them, having a central registration spot and feeling a personal interest extended by the Hospital is important.

The work at the Reception Center is divided among several active committees. One of the most essential is the Housing Committee. This group of six active members keeps an up-to-date file of houses, apartments, and rooms available for foreign visitors. Many of the rooms, particularly, have been personally inspected, and the landlords have been interviewed so we may be assured of clean, hospitable surroundings. If the family needs special help because of language or financial difficulties, a member of this Committee will go with them to find suitable living quarters. Letters which are received with inquiries concerning housing before a visitor leaves his own country are carefully and promptly answered by this Committee. During the past year there have been 101 requests for housing that have been filled: Apartments—57, Rooms—36, Houses—8.

The Furniture Exchange is still located at McLean Hospital.

There have been many added contributions of furniture from interested friends. The number of families with furniture on loan is 36, some with a few pieces, and some with enough to completely furnish an apartment. The problems involved in transportation and in meeting people at McLean who wish to receive or return furniture are too involved to even attempt to enumerate. The gratitude felt for this service is most rewarding. I know of no other hospital that extends this help.

Only one tea was given for our foreign visitors this past year, due to lack of sufficient housekeeping help. Since this is the only time such hospitality is extended by the Hospital to our foreign visitors and their families as a group, I hope we can return next year to the original schedule of three. The one tea given was well attended and deeply appreciated by all.

The annual Spring Picnic in Lincoln was held at the Cannon's, and enjoyed by many families. This has become an established event, and is enjoyed by both the foreign visitors and the House Staff. Entertaining individuals in the homes of various families at Thanksgiving, Christmas, and throughout the year has been carried on as usual.

Other Staff Wives activities, not dedicated entirely to our foreign visitors, are numerous. This past year, for the first time, we assumed the responsibility of receiving and placing all Symphony and theatre tickets turned into the Hospital. It was with a certain amount of reserve that we attempted this project, knowing it would involve much extra work. However, our newly formed Ticket Committee has spent much time in establishing a system that works out well; we now feel we could handle many more. During the past year 131 Symphony tickets and 8 theatre tickets were received and placed.

The Chapel Concerts for the patients have been as always most rewarding. They were given twice a month from October through May. The full responsibility of these concerts are carried out by the Music Committee who find guest artists, arrange for transportation of patients to the Chapel, and handle the printing of programs. There was a total of 25 volunteers who helped transport patients this past year, and at each concert an average of 45-50 patients attended. The gratitude of these patients cannot be measured in figures. Some of the letters

received are deeply touching, for these concerts in the Hospital's beautiful, quiet Chapel, can mean so much to a troubled soul.

Under the heading of Special Projects come such activities as helping with National Hospital Day, Ether Day, Christmas parties and the Spring Dance. This year the great need for a coffee shop was recognized and considered as a possible undertaking by members of the Ladies' Visiting Committee and the Staff Wives. A research committee has been formed, consisting of appointed members from each group. They are visiting all coffee shops in Boston hospitals, spending many hours with Mr. Degen studying available hospital space, and consulting with many hospital officials. A report will be submitted at the end of this intensive study.

We are also represented on the 150th Anniversary Program Committee, and will assist by giving a series of Teas for this project early in 1960.

Last year's report showed a concern about future finances since we subsist on voluntary dues alone and our newly assumed projects meant an increase in expenses. In the spring of 1959 the Ladies' Visiting Committee voted to give us $500 each year, and this gift is deeply appreciated. It dissolves our financial worries, and I am especially pleased at the warm and cooperative spirit between the groups that inspired this generous offer in appreciation of the work we are doing. Our dues paying members increased from 114 in 1958 to 160 in 1959, which not only is helpful financially, but also shows added interest within our group.

Our Community Meetings have continued to show increased attendance and enthusiasm. It is through these meetings that our members who do not get into the Hospital to work learn of our current activities and become more understanding. At almost any meeting one or two new volunteers for work at the Reception Center are recruited. Many new thoughts and ideas also come from these groups.

The Staff Wives Association was represented at the American Hospital Association Annual Meeting in New York, August 24-27, 1959; it was also represented at the Massachusetts Hospital Association Meeting, New England Hospital Assembly

and the Greater Boston Auxiliary Section Meetings of M.H.A. Two members represent the Association on the Coordinating Committee, and two on the Trustees Advisory Committee to the Volunteer Department.

Working closely with many different departments of the Hospital these past two years has been a pleasure and privilege for me. I would like on behalf of the Staff Wives Association to thank everyone with whom we have worked. We appreciate the friendliness and helpfulness extended to us by so many. From our little corner near the General Store we feel very much a part of the big Hospital family.

MRS. G. MELVILLE WILLIAMS, PRESIDENT, PRESENTS THE FOLLOWING REPORT FOR THE DISTAFF CLUB:

The following is a report of the activities of the Distaff Club from October 1, 1958 to September 30, 1959.

As in the past the main purpose of the Distaff Club continues to be a social one—helping the wives of House Officers, Research Fellows and women doctors on the House Staff to know each other, the Hospital and Boston. The Club holds meetings at least once a month in the Penthouse. These meetings included many interesting and informative speakers. Representatives from the League of Women Voters, Weston School Committee and the Massachusetts Medical Society spoke on "Your Role in the Community". Mrs. DeVere Armstrong gave a talk with an excellent display on floral decorations. Dr. Robert Anderson spoke on "How to Evaluate Public Schools". Mrs. Ollie Robbins brought a splendid display of children's books to the Hospital and instructed us in storytelling. Dr. Dean A. Clark spoke on the History of the Hospital and answered questions concerning the House Officers. Other get-togethers were a square dance, a lovely Christmas party, a musical evening at Mrs. Soma Weiss', and a family picnic in June. The annual Spring Dance was a highlight of the year. It was held at the Commonwealth Country Club with Sammy Eisen providing the music. A new Committee is hard at work making plans for the dance next year. The Club helped with a Welcome Tea in July which was a very nice introduction for newcomers.

Aside from the social functions of the Club various projects

were performed for the Hospital. A Welcome Booklet was written by the Club and published by the Hospital. This, we feel, is a most informative guide about Boston and the MGH. The waiting room of the Emergency Ward was completely redecorated. Many of the members of the Distaff Club helped mount pictures for the art wagon from the Institute of Contemporary Art. The Club also helped to distribute magazines into the various Hospital waiting rooms. A meeting was held to wrap gifts for the MGH Children's Christmas party.

Our newsletter published three times a year, was sent out to members to inform them of activities of the Club and Hospital. We have a group of area representatives who help to keep members informed of meetings and other business and also to occasionally hold small meetings on a local level.

Last spring the following officers were elected: President, Mrs. G. Melville Williams, Vice President, Mrs. Robert Ojemann, Secretary, Mrs. William Daggett, and Treasurer, Mrs. Milton Grossman.

Report of the Advisory Council of The Massachusetts General Hospital School of Nursing

IT is always a satisfaction to me to review for you the activities of the Council for the past year. In this way the various areas of the School's curriculum, which have been so thoughtfully presented by members of the faculty, can be brought into focus once again, and when the students' own reports are added, the record does present an over-all picture of the nursing school year.

Eight meetings of the Council will have been held from September through May 1958-59. At the first meeting in September, the sad news of the sudden death of Miss Jessie Stewart, Assistant Director of the Three-year School, was announced. The magnitude of her loss to her friends, to the School and the Hospital was expressed both by members of the faculty and of the Council.

Statistics concerning the enrollment of students are always of interest. For the year starting in September 1958, 419 students were enrolled in the School, with 61 affiliating students among whom were the men students from the McLean Hospital. The Radcliffe College-Massachusetts General Hospital Coordinated Program included a total of 17 students. There were 128 Freshmen in the first-year class, and of this number 48 were receiving some type of scholarship aid.

For the past two or three years the faculty has been working on an improved curriculum which would allow for more integrated learning and more meaningful experience on the wards. The Council has keen kept currently informed of the changes which have been made in the program. They felt that this year they would like a summary of the progress made with this new curriculum at the completion of its first year. It was decided that a luncheon meeting with the faculty would be a helpful and pleasant way of getting both the Council and the instructors

together. The luncheon was held in the Supervisors' Dining Room and was well attended. Miss Sleeper reviewed the background of the Advisory Council, its past history and its objectives. Miss Petzold, Coordinator of the First-year Instruction, introduced several faculty members who commented briefly on their particular subjects and agreed that all teaching this first year is aimed at orienting the students to "What Nursing Is," rather than merely to learning manual procedures.

Speakers for the second year discussed the areas of obstetrics, pediatrics, psychiatry, orthopedics, and clinics, which are studied during this year, pointing out that total care of the patient, principles of nursing, and rehabilitation are emphasized repeatedly in each subject.

Miss Hardeman, speaking of the third year, defined the term of internship as a "period of residency following professional education," and she related this definition to the development which is expected of the student during this period.

Arrangements were made for the Council to visit classes during November and December. A disappointingly small number of persons were able to take advantage of these opportunities. However, this is easily understandable as it is exceedingly difficult to fit such visits into the schedules of many of the Council members who already have full-time jobs.

At the November meeting, Miss Fiske, Instructor in Pediatric Nursing, showed the film, "These are our Children," which depicts the rehabilitation of children afflicted with cerebral palsy. Mrs. Johnsen, Senior Instructor in Medical-Surgical Nursing, presented "Charlie Brown," a film showing the treatment and outlook for a rheumatoid arthritis patient. Both speakers pointed out pertinent situations and the questions which could be asked students concerning them. The advantages of visual education and what it might contribute to nursing were also discussed.

At subsequent meetings the subject of "Preparing Students for Nursing during a Disaster" was discussed by four members of the faculty: Captain Virginia Farrell, Director of the Disaster Nursing Project at M.G.H., Miss Hardeman, Miss Norton, Instructor of Medical-Surgical Nursing, and Mrs. Sandin, Instructor of Public Health Nursing. This is a difficult program

to organize as there are so many unknown factors involved. However, it was stated that the objective be "What is the greatest good for the greatest numbers?" and the keyword be "Survival."

Three students spoke to the Council on what they felt they had gained from their affiliations in other hospitals. Maryanne Hall, who affiliated at Boston Lying-in, felt that M.G.H. had prepared her well for the experience of dealing with difficult cases, but she longed to see a "normal mother."

Patricia Lescalleet reported that her nursing experience at McLean Hospital was "an excellent training for life." She learned to be alert and not tense and had been made aware of both the physical and mental needs of her patients.

Anne Taylor, who is a member of the Radcliffe-M.G.H. Program, enjoyed her stay at McLean, Boston Lying-in and the Children's Hospital and felt that each experience was valuable for different reasons, the adult approach at one, the easy exchange of views between faculty and students at another, and the close supervision given at the clinics of the third.

One of the most interesting reports of the year was given by Miss Lepper, Associate Director of Nursing Service, on the "Impact of the School on Nursing Service." Nursing care as given by young students, she said, is incidental to their learning and the program planned for these students is aimed at securing the best type of sound ward experience. These objectives present problems in the running of a ward and in the daily care of patients. Fluctuations in number of students assigned to the ward and the coordinating of other groups such as doctors, dietitians, and physiotherapists presents many difficulties for the Head Nurse. However, Miss Lepper felt that nursing service found the students' fresh point of view on old problems and the responses required to answer many of their questions most stimulating to the experienced personnel.

The final reports of the School committees were given by Miss Reynolds, Chairman of the Admissions and Recruitment Committee, Miss Petzold, Chairman of Curriculum, Miss Norton, Chairman of Student-Faculty Relationships, and Miss Fiske, Chairman of Over-all Evaluations. The work of these committees illustrated how closely the faculty works with the stu-

dents and how closely they follow the development of each individual.

At the end of each meeting, time was allowed for discussion and questions, and there was much interest expressed by many Council members.

Three other subjects should be mentioned in this summary:

First, changes in the By-laws of the Advisory Council were voted this year.

Second, the Council withdrew from the Coordinating Committee of the Hospital. This decision was made because it was felt that the Nursing Advisory Council, unlike the other members of the Coordinating Committee, was a strictly policy-making and advisory group, rather than a volunteer committee which provides individual active participation in hospital affairs.

Third, the announcement—a most welcome one—was made by the Trustees of the purchase of the Hotel Lincolnshire for the housing of student nurses. Double-decker beds in Bartlett and inadequate facilities in other dormitories placed this need of more housing at the top of the long list of Nursing School requests, and it is with some pleasant anticipation that Miss Sleeper can look forward to bringing the next entering Freshmen Class together in this new residence.

I have now completed six years as your Chairman and I want to thank you all, Council members and faculty alike, for bearing with me for such a long time. I have enjoyed the experience thoroughly, and I have gained far more from it than I have put into it in time and effort.

You will have a very able and efficient Chairman in my successor, Mrs. Harris Fahnestock, and I know that when she takes over in September, 1959, she will find it just as interesting and stimulating as I have.

HELEN R. BRACE
Chairman

Massachusetts General Hospital

Nursing Department

	1959
Average No. of Graduates on General Hospital Staff and Clinics	248
Average No. of Graduates on School of Nursing Staff	48
Average No. of Graduates on Baker Memorial Staff	75
Average No. of Graduates on Phillips House Staff	83
Average No. of Accepted Pupils	314
Average No. of Preclinical Students	66
Average Total	834
Total No. Preclinical Students Admitted (includes 5 Degree)	134
Preclinical Students Dropped and Resigned (includes 7 Degree)	15
Students Graduated (includes 1 Degree)	102
Accepted Pupils Dropped and Resigned	21
Total Dropped and Resigned (includes 7 Degree)	36
Students Readmitted	7
Average No. of Graduates on General Hospital Staff—*Part Time	12
Average No. of Graduates on Baker Memorial Staff—*Part Time	7
Average No. of Graduates on Phillips House Staff—*Part Time	6
Total *Part Time Graduates	25

CENSUS OF THE NURSING SERVICE AND SCHOOL OF NURSING OCTOBER 1, 1959

Graduate Nurses, General Hospital and Clinics	237
Graduate Nurses, School of Nursing Staff	51
Graduate Nurses, Baker Memorial	67
Graduate Nurses, Phillips House	83
Total	438
STUDENT NURSES:	
Accepted students	273
Preclinical students three year program	129
Preclinical students Coordinated Program with Radcliffe College	9
Affiliating students from other schools	47
TOTAL GRADUATE AND STUDENT NURSES	896
NUMBER OF STUDENTS ASSIGNED OUTSIDE THE GENERAL HOSPITAL	
Baker Memorial	
MGH accepted students	28
Incoming affiliating students	0
Phillips House	8
Boston Lying-in Hospital	28
McLean Hospital	32
Public Health	0
NUMBER OF STUDENTS AFFILIATED IN 1958-59 FROM:	
Simmons College School of Nursing	32
McLean Hospital School of Nursing	19
Henry Bishop III Memorial (Pediatrics)	3
Leominster Hospital School of Nursing (Pediatrics)	5
New England Baptist (Clinics)	45

*Part Time Nurses expressed in equivalent of full time.
Henry Bishop III Memorial and Leominster Hospital terminated Affiliation on December 1, 1958.

The Nursing Department

THE report from a large Department with a Nursing Service comprising seven large units, and a School of Nursing, could only show the work of the year if the eight individual reports submitted by these units could be printed separately. The following compilation must, however, speak for all.

The Nursing Service and the School record here their appreciation to the U.S. Army Nurse Corps for the loan without cost to the Hospital of Captain Virginia Farrell. Captain Farrell spent eleven months working with the Service and School Committees on programs for Nursing Service personnel and Curriculum content in Disaster Nursing. Through the National League for Nursing a grant was received from the Office of Civilian Defense Mobilization to make a study of nursing in disaster. Committees for the Nursing Service and School prepared and submitted plans and periodic reports to the National League for Nursing and the Office of Civilian Defense Mobilization. These plans will later become a part of the material to be made available to all hospitals and schools through the National League publication. The Nursing Department is proud to announce that the Massachusetts General Hospital Nursing Service was the only Nursing Service included in the study, and that the Massachusetts General Hospital Three-year School was one of four schools selected and the only three-year school to be included in this grant.

Throughout the year generous help has been given by the Department of Psychiatry. Dr. A. P. Hare has worked with the Staff Education group at head nurse meetings, and with the Committee on Team Nursing in a special study. Dr. Gerald Caplan has continued to meet once monthly with the supervisors in all buildings and twice monthly with the Administrative Committee of the Nursing Service, the 7 Assistant Directors of Nursing, the Associate Director and Director. Dr. Donald Klein has met three times monthly with a small group of beginning teachers, and once monthly with the teachers carrying administrative responsibilities. Relationships, understanding of co-

workers, the evolving roles of nurses, and counseling furnished a part of the content of the discussions. These meetings do much to bring understanding or acceptance of situations, or the ability to live and work without undue strain in situations outside the control of Nursing.

The Nursing Service

The year 1958-59 has indeed tested the staying power and the ability of the Nursing Staff. The year ended with 22 fewer staff nurses employed. The average number of staff nurses for the year was 16 fewer, the number required to staff two medium-sized wards. In spite of the reduced number of nurses, 12,060 more days of care were given to a daily average of 54 more patients, enough to fill two medium-sized wards.

The daily average number of patients to be nursed is a significant measure of the demands made upon the nursing personnel, but there are other factors too. Load may be indicated in other ways. Admissions to the wards and floors increased by 2,660 patients. There were 2,667 more discharges. Both indicate acuity of service, intensity of treatment, and the constant change of patient population which may cause confusion. Distribution of assignment also affects the staffing. For example, out of the average of 296 nurses employed this year, 13 more than the previous year were in the Operating and Recovery Rooms, and 7 more were in the Phillips House. The result was a steady reduction in the Baker and General Hospital units.

A 40-bed unit may, for example, have in a typical day 10 admissions, 8 discharges, and 10 operations. On such a day the staff actually gives major care to 48 patients, becomes acquainted with 8 new patients, and receives complete change of orders for the 10 postoperatives. Over half of the ward has changed. Although expressed in averages patient census seldom stays at the average point. Not uncommonly the total number of patients in the Hospital rises and falls by 100-140 in fort-eight hours. Also the number of patients admitted to a unit cannot be regulated by the adequacy of the staff, or the already existing pressures, nor can staff be moved from unit to unit day by day. Staffing is not a mere matter of arithmetic. Ideally, nursing skills should be matched to patients' needs.

Actually, staffing is a process of stretching the supply of nursing hours to approximate the time necessary to meet the need. Staffing also involves constant effort to hold stable a complement of nurses prepared for work which seldom exists as they have anticipated, and who must be helped to change role, and find security and satisfaction in the substitute. Nurses are often criticized because they do not want to do nursing. Most nurses chose the career believing they would work directly with patients. The nurse today who spends less time at the patient's side must find many of her satisfactions in her relationships with head nurse, co-workers, medical staff. She will not be easily uprooted to move from unit to unit as were her forbears for to change head nurses and co-workers is to lose the very basis upon which her substitute role is built.

As recently as 1948 the loss of staff nurses annually was 102%. Last year the reduction of this loss to 70% appeared to parallel the phenomenal increase in staff nurses employed when the rate of pay was increased. This year, in spite of the reduction in employment, the increase in demands, and unchanged personnel policies, the resignations dropped to 65%, a new low.

To judge the staffing by averages may also be misleading. The average number of staff nurses employed this year was 296. Estimated separately the fall months show an average of 309. In the late spring and summer resignations are customarily higher. During these months the average number of nurses was 267. Out of this lower number must come all vacations for staff nurses and head nurses. Imbalance between numbers of nurses and numbers of patients to be cared for may continue in the summer. The summer patient census averaged 823 in comparison to the annual average of 812.

Trends in medical care bring unexpected demands. On 4 medical wards, exclusive of B3 and the Research Ward, with a bed capacity of 63 patients, 160 blood pressures were ordered in a period of 14 hours. Allowing a minimum of time to take and record the reading required the full time of 3 and 3/8 nurses for that day. If this pattern were to continue for a full week the time of 4.8 nurses would be required for this procedure alone.

The increased stability of the staff nurses was far from the result of chance. The Personnel Office carried on an active recruitment campaign. The graduates of the School recommended the opportunities at M.G.H. to friends and acquaintances, one of whom came from Minnesota on such a recommendation. The Administration worked with Nursing on problems affecting supply and satisfactions of nursing personnel. In the Baker Memorial, the remodeled head nurse units and the new medicine closets were much appreciated. Servicing of the medicine closets by the Pharmacy has saved nursing time and irritation, as well as Hospital money. The new floors and sound-absorbent ceiling, the changes which make patients' rooms more attractive and convenient have brought the Nursing Service double advantages. The floors are quieter and more pleasant on which to work. The obvious enjoyment of patients and families rebounds to raise the spirits of the Nursing Staff. The redecoration in the Vincent Memorial by the Vincent Board of Managers, and in the Burnham by the Ladies' Visiting Committee has brought the same positive uplift.

Committees revised programs to improve work methods. The Committee on Nursing Practices worked on 29 different procedures, sent 19 in simple, usable form to the wards, and worked through the remainder with other Departments. A special committee revised the Policy Book for Nursing to facilitate learning and to give ward staff ready reference to Hospital, Medical, and Nursing policies. New time-saving equipment was studied and introduced on recommendation of the Joint Committee of the Nursing Service and Purchasing Department. Training programs were continued and expanded. Staff Education trained aides, cooperated with the committee preparing the plan for Disaster Nursing, and introduced a new program for staff nurses who gave promise for head nursing. With this latter assistance more replacements were available for fall vacancies with less loss of time for orientation. White 11 replaced a resigning assistant head nurse with an administrative secretary. The list of functions assigned to this worker shows how much non-nursing detail can be carried by a capable non-nurse assistant, and how a head nurse can be relieved to work more freely and do more teaching with patients and nursing

staff. The job descriptions were revised by a special committee, except for supervisor. A special committee, chaired by a head nurse, devised a new form for the evaluation of nursing personnel, tested the form, revised and introduced it on all wards and floors. It is hoped this form which allows also for self-evaluation many contribute to worker growth on the job, and stimulation from recorded achievement.

The Recovery Room deserves mention not alone as a new and efficient 21-bed unit for the care of the immediate post-operative patients in the General Hospital. The Recovery Room saves nursing time on all surgical wards at the time of day when pressures are heaviest. It reassures the ward nurses that patients will have constant care and ready emergency care if needed. In the over-all the Recovery Room does not reduce the need for nurses. This year compared to 1956-57 there were 4 more nurses assigned daily to the Recovery Room.

A major reorganization was begun this year to improve the effectiveness of the Nursing Service in the Operating Rooms. Early in the year 3 assistant supervisors were appointed in the Baker Operating Room and 4 in the White. It is the function of these assistant supervisors to take full nursing responsibility for specified rooms and personnel, and to teach both the graduate nurses and auxiliary personnel. It is hoped the plan will facilitate the work of the surgeons, and help to stabilize the Nursing Staff of the Operating Rooms which exclusive of the Recovery Room now includes 37 nurses, 9 more than in the previous year.

For the first time all records for employed nurse staff are properly filed in a central filing system. The Personnel Office holds and handles all non-nurse records. The Central Nursing Office because of the different demands made for nurses' records has developed a separate filing system for the credentials of all nurses employed in the Department. This will facilitate the management of references whether the nurse was employed or graduated from the School one or fifty years ago.

The School of Nursing

In the School's progress, 1958-59 makes a milestone. The last class to enter in March reached its third, or internship year.

The second and first year classes were enrolled in the revised program. The need to offer classes for two different programs came to an end. The time at last arrived when all members of the instructional staff could concentrate on implementing the revised plan.

In September as the school year began there were 458 students. Sixty of these were on affiliation at the Boston Lying-in and McLean Hospitals. For 398 students provision had to be made in residences, in physical facilities for teaching, and in other services provided by the Hospital or School of Nursing. The 4 North Grove Street residence was closed in the fall of 1958 because of structural weakness. The housing situation grew increasingly acute. At one time over 40 double decker beds met the need, but these were usable only as a temporary measure since few rooms in any of the residences were large enough to hold the necessary furniture for two students, nor was there space to expand the housing for the large September class.

In June the Trustees, anticipating the School's need, purchased the Lincolnshire Hotel at 20 Charles Street. On September 1 the Hospital took over the building, and 129 Freshmen arrived on September 15 to move in. On October 1, 13 Practical Nurse students arrived. The hotel, now to be known as 20 Charles Street, is particularly well adapted for a student residence, providing one large and one small lounge on the first floor, and a reading room on the second. It is hoped eventually to have three class rooms, but as yet only one is ready for use. A squash court on the roof, though small, will add a welcome play room. An excellent open roof space will provide opportunity for sunning and rest. The School is indeed grateful to the Trustees for securing the building and to the Administration and Maintenance Department who strove in two short weeks to prepare the residence for the arrival of the class.

Housing arrangements now distribute the students by classes, the Freshmen at 20 Charles Street; the Juniors and some affiliating students at Thayer; the Seniors, some affiliating students, and graduates at Walcott; and Seniors and graduates in Bartlett Hall. Although 20 Charles Street in some respects would have been excellent for Seniors, the Freshmen were chosen to live

there because they have no night or evening assignments necessitating travel to and from the Hospital late at night. Until some other change occurs to upset the housing facilities we are assured that the student residences are satisfactory. Future changes when they occur should be toward movement of the graduate nurses out of student residences and into an apartment house planned with more normal living arrangements for employed women.

The most pressing need now is for class rooms, conference rooms, library space and School offices. Classes for students in nursing, unlike those in general education, must be planned in relation to the students' clinical assignments. The distribution of students on wards must be made according to students' learning needs and made without undue upset to patients, employed staff for nursing, and medical program. Such assignments often necessitate small sections for classes and frequent repetition of classes. In a typical week, including the three classes in the diploma, three-year school, the Radcliffe-Massachusetts General Hospital Coordinated Program, the McLean and Simmons College affiliating students there will be a minimum of 22 different groups to be taught each week. For these groups, each with 3-12 hours of class, rooms must be provided. As the Nursing School program is on a twelve-month, four-quarter basis, this need is not a seasonal one, but a problem always with us.

The need is not for class rooms alone. The Palmer-Davis Library is well supplied with reference books and other materials. The seating space is limited to 50. The Library today more than ever is basic to the success of the School's program. It is no longer true that a nurse needs only to follow orders. The nurse for 1960 must also know how to find and use knowledge. A library for a school of nursing differs from a library in other types of schools not in the character of facilities required, but rather in the demands which the School makes upon its users. First year students are free to use the library at almost any time of day, varying during the week according to the students' schedules. Second and third year students at some periods are free only at the end of the day or in the evening. In the fall quarters older students too often come to the library

to find all seats occupied. Graduate nurses who also need such a resource are discouraged from using the library facilities at all.

To alleviate the library situation, a Freshman reading room was set up at 20 Charles Street in which are now available 83 new reference books; 24 books on loan from the Palmer-Davis Library; 32 bound volumes of the American Journal of Nursing, and numerous other magazines and pamphlets.

The over demand this year for housing and teaching facilities was not unexpected. It was predicted in 1956 when the decision was made to discontinue the March classes. The situation illustrates well the balance which must be maintained between school, nursing, and hospital services. Ideally, for the even flow of students through hospital ward assignments, two equal classes should be admitted yearly. Practically, applicants can be secured in sufficient numbers only in the fall. Ideally, maximum use can be made of instructors when one large class is admitted annually. Practically, the withdrawal of first year students from ward assignments for the fall and winter quarters makes for difficulties in the Nursing Service budget, and assignment of employed personnel on units where students are to have experience. Ideally, for the wards small class sections and frequently repeated courses cause less disruption. Practically, many small class sections require more space for teaching.

Without addition of teachers the School has admitted approximately 130 students annually for three years. With planning, these large classes have moved through their ward assignments with a minimum of disruption, and in the third year with a maximum of contribution to the Hospital's Nursing Service. All this is so because the School and Nursing Service administrative groups planned cooperatively and ingeniously, and because some instructors repeated courses 8 times and units as many as 26 times a year. Furthermore, this repetition of courses and units made possible the assignment of one instructor for every 5-7 first and second year students for a period of 5 days each week. The week-end responsibility for student participation has been assigned to the head nurse. This latter plan was made not to relieve teachers of week-end assignments, but

to achieve a maximum of teaching at the bedside, and also to avoid making students over dependent upon teacher support and supervision as they learn.

As the year ends the School begins, with the Hospital Comptroller, a study of the costs of the diploma program. This study is sponsored by the National League for Nursing. A cost study authorized by the Hospital Trustees in 1932 showed the School to be a large financial asset to the Hospital. Between the lines of this study could be found many evidences that the School's program suffered from the heavy assignment of students to the nursing care of patients.

In 1938 the School participated in a part of a cost study conducted by the National League of Nursing Education. At that time the budget and the statement of expense for the School were separated from the Nursing Service. With this information the School and Hospital are well prepared now to make a more reliable estimate. Results of this latter study should have greater validity since it will include the estimated value of student services contributed as a by-product of learning. This estimate plus the student fees will show more accurately, than now is known, the cost of educating a student nurse at the Massachusetts General Hospital.

Two major changes have occurred this year in the Coordinated Program conducted with Radcliffe College. Simmons College School of Nursing, although using the Hospital facilities, has now withdrawn its affiliation from the Coordinated Program and supplies all instructors for its students. Radcliffe College-Massachusetts General Hospital instructors, free now to plan for an all college graduate group, have revised the program to meet the needs of the college graduate more adequately. With the consent of the Radcliffe College President and Deans the nursing segment of the program was opened to graduates of other colleges. Four were admitted in the summer session. As these young women presented varying amounts of physical, biological and social sciences, many special classes were needed during the summer and fall quarters to secure a common basis for the clinical studies.

The Special Committee to study the Hughes Report on the Coordinated Program has continued active, but as yet has made

no recommendations. The last students to be admitted to the Program entered Radcliffe College in September of this year. How much longer this Program should continue without some definite plans is to be questioned. Yet it has values which neither the School of Nursing nor the Hospital should be allowed to lose.

Two affiliations in pediatric nursing were terminated at the suggestion of this School. Both the Henry Bishop and the Leominster Hospital Schools had sent students to the Burnham Memorial since its opening. For several years the instructors in pediatrics and the Nursing Service supervisors have questioned whether the clinical assignments available were adequate for the number of students sent for experience. Today the M.G.H. School faces the same question for its own students. In a service where research is so heavy, where child psychiatry is increasing its activities, are there sufficient numbers of appropriate children for 30 M.G.H. student nurses to care for as they learn the fundamentals of the nursing of children?

How to evaluate the progress of a school year? By faculty growth? Two returned from a year of study for the Master's degree, and two left; all four on Federal Fellowships. By Faculty activity? Committees continue week by week to review and refine all aspects of the program. By the number of applicants? The selection for the fall class was one out of four eligible young women. By the number graduated? The Massachusetts General Hospital School, one of 57 in Massachusetts, graduated approximately 6% of the nurses in Massachusetts this past year. By the number of drop-outs? Thirty-six students resigned, a loss of 6% as compared to the National average of about 30%. By the way in which the students respond to the program? Ten seniors, nurse interns freed from the heavy student class schedule, have enrolled at their own expense at local colleges for further study. Seven students who had resigned returned to complete the program. That these young women returned, some after six months absence, one after six years, appears to point to a program which holds values and one which is flexible enough to meet the needs of women in a society where career and marriage must be combined. Or do we measure a year by the constant improvement in learning and

teaching, and by the manner in which Faculty and Student Body work, and sometimes play, together? That this has occurred shows in the annual reports of all the teachers and the president of a vigorous student association.

The Staff of both Nursing School and Nursing Service has made its usual generous contribution to Hospital activities, to local, State and National Nursing Organizations. It should also be recorded that specially planned meetings and conferences have been held for 19 visitors from 8 foreign countries, and for many national visitors from this country. These meetings have been added to already full schedules. In addition there has been time to introduce these foreign nurses to American life and activities, so that they have carried home not only helpful ideas and plans but warm feelings of professional comradeship and personal friendship.

In all, this year 171 nurses have taken 251 courses at the local universities under the Hospital's scholarship plan for graduate nurses. As this plan was initiated in part as a means of attracting and stabilizing the Nursing Service, it is encouraging to find 64% of these nurses were staff nurses. As it was hoped such a program would also help to upgrade the nursing staff, the plan promises well for the future; 41% of the courses are in the humanities, 50% in nursing and related sciences, and 8% in education and administration.

RUTH SLEEPER, R.N.
Director of the School of Nursing and Nursing Service

Report of the Social Service Department

THIS year as the Hospital approaches the 150th Anniversary, the Department has been looking at its history and rich heritage, its present services and its future goals and needs. In 1905 one worker was permitted to serve patients in the Medical Clinics. During the past year the Department had a staff of sixty-three professional and clerical personnel assigned to every unit and service in the Hospital. In addition ten students from three schools of social work — Boston College, Simmons and Smith — received their field practice training from October through May under experienced field supervisors.

In the annual reports of the staff for October, 1958 to October, 1959 there is evidence of continuation of many of the same problems and services which have characterized the past, yet there are increased requests and referrals and new and changing horizons.

Statistics Last year we served 6,636 patients, an increase over the previous year of 399 persons. These referrals came fairly evenly throughout the Hospital but those from Psychiatry, Baker Memorial and Rehabilitation Service were proportionately higher. Of the average monthly case load of 1,880, approximately 67% were being treated in the clinics and 33% in the wards and private pavilions.

Services There was a predominance of chronic and life-threatening diseases in the group of patients served throughout all units. Problems of the patient with malignancy were found in high proportion not only in the Tumor and Surgical Services, but also in almost every other service. Mrs. Houchins, worker on the busy Fracture Service wrote of long continued service to one such patient and her family. Mrs. D., 40 years old, was referred in April by the intern who summarized the referral as follows: "Patient, separated from alcoholic husband for the past month, living with brother, has a 10 year old daughter. She has far advanced metastatic cancer of the breast, prognosis would seem to be in range of months rather than years. She will need emotional support and help with family and financial

problems as they arise." Patient had been admitted to the Fracture Service with a pathological fracture of the right humerus. The worker's contact with patient started in April with regular visits on the ward until patient's discharge May 13. During visits to Fracture Clinic the worker continued to see patient. In June when patient was admitted to the Overnight Ward, she sent for the worker because she had to talk with someone about her continuing multitudinous problems of marital difficulties, financial problems, anxiety about her present disability and concern about her daughter. Again on a September admission to the Bulfinch ward the same worker visited her regularly. When the final recommendation for chronic hospitalization was made, patient's decision was made only with the same worker's concurrence and planning. Not only patient but also her brother and sister-in-law needed the help of the worker as they faced, bewildered, frightened and anxious, the patient's progressive terminal illness. Decisions and help with plans for the patient's daughter have been a concern of the worker and the sister-in-law to the present time, even after patient's death.

This example is illustrative of several principles and services in our present work, irrespective of the medical problem: 1) The important factor of worker-patient relationship in helping patients meet their social adjustment and often life-shattering situations; 2) the continuity of service by the same worker irrespective of where in the Hospital the patient may receive his treatment; and 3) the fact that in most situations the family and those surrounding the patient need the help of the social worker so that what appears statistically as one person served, in reality may be several.

Neurological Service This large and difficult service again characterized by long-term disabling illness has called for increased activity by the worker with patients, families and community agencies. Miss Hersey has been particularly active this year in arranging conferences with many community agencies involved in service to these patients and their families. Here in face to face discussions there was opportunity for defining the problems and focusing cooperative responsibility of each agency to best serve the patients' needs. Most frequently in-

volved have been Family Service workers, Public Welfare staff, Visiting Nurses and the Hospital worker.

Surgical Service and Specialties Rapid turnover with pressure for adequate discharge planning of patients who often are not ready to make the quick change from the security and hope of the acute hospital to the unknown and often seemingly hopeless outlook of a nursing home or chronic facility call for skill, patience and courage of the staff particularly on the Surgical and Emergency and Overnight Services.

During the year the assignment of Psychiatric Fellows to the separate wards has been of tremendous help as we and the ward staff have tried to understand and help patients in management of their severe illness and psycho-social situations. We wish that such assignments might be continued.

Medical and Allied Specialties Medical and specialty services have continued much as in the previous years, but with new Chiefs in the Allergy and Dermatology Services we are finding increased use of Social Service with new and different approaches. Specific assignment of an individual worker to these services has been made.

Psychiatric Service This unit of staff served, under supervision of Miss Eleanor Clark, 1,172 patients. This figure includes patients treated in Adult, Child and Alcohol Clinics and the Psychiatric and Emergency Wards. It reflects the important community service offered through the Psychiatric Department of this Hospital. Often no other facility is immediately available to patients who are in turmoil.

During the year approximately 1,200 patients were seen in the Emergency Ward. "In a brief survey this fall of fifty of the patients, we found: 1) They came from three states, twenty-seven cities with a concentration of seventeen from Boston; 2) Many were quite ill, for example, eleven were psychotic, thirteen were chronic alcoholics, and many were neurotic; 3) They were quite young as a group, the range of ages being 16 to 83 with most between 25 and 40; 4) Nearly all presented actue social problems as well as psychiatric illnesses, for example, marital difficulties, loss of employment, placement of children while a parent was hospitalized. Because we had observed these findings and in view of the increased number of patients,

a psychiatric social worker is now available in the Emergency Ward."

Under a grant from the United States Public Health Service a research project aimed to reach and understand problems of chronic alcoholism has been undertaken under the direction of Dr. Morris Chafetz. One full-time worker, Mr. Joseph Golner, and one half-time worker, Miss Elizabeth Lacy, are assigned to the project.

Private Pavilions Miss Dorothy Kellogg writes in her report, "If there are personal and social needs which are a part of clinical care — this is part of hospital service and in our hospital is the allocated responsibility of Social Service when doctors, patients, families or community so indicate." This is as true in the private services as in the General Hospital and Clinics. The volume of work has been heavy from Baker Memorial, Phillips House and the private offices of the staff. More than 175 different doctors have referred patients or consulted Social Service for information about patient care plans. There were some 550 patients involved in this year's work in the private care section.

It is evident that such a load cannot be carried by one staff member and a secretary. Some aide help has been available but additional professional social work staff time is needed, with adequate space being made available either in Baker, Phillips House or the Warren Building.

Teaching Training of Social Service students both by the regular staff and in the two training units — Rehabilitation and Heart and Chronic Disease — has continued as has informal teaching of students from allied professions of Medicine, Nursing, etc.

Staff Coverage and Activities We were fairly well staffed during the year except in the Tumor Clinic which we were obliged to cover by a part-time worker after Miss Willes left in October, 1958. We happily filled this important position in September, 1959, with Mrs. Rachel Schepkowski who came to us after experience in Ann Arbor, Michigan.

Two real losses in August were the resignation of Mrs. Elizabeth Kurtz, Medical Unit Supervisor, who moved with her husband to New Jersey, and the retirement of Mrs. Miriam

Jones from the Emergency and Overnight Ward Service. Both made outstanding contributions personally and professionally to the work of the Department.

We were fortunate that Miss Isabel Whiting, former Administrative Assistant in this Department and recently retired as Director of Social Service at the Massachusetts Eye and Ear Infirmary, was willing to give us part time for staff supervision. Miss Eleanor Clark, Miss Grace Nicholls, Miss Janet MacPherson and Miss Gertrude Mackin each generously offered to take one staff worker for supervision to relieve the situation temporarily.

Staff have participated in many professional and community committees and activities. Mrs. Ruth Abrams, Supervisor, has been chairman of the Medical Social Work Section of the local chapter of the National Association of Social Workers. Miss Barbour spent several days as consultant at the North Carolina Memorial Hospital, Chapel Hill, in regard to the reorganization of their Social Service Department.

New projects which have been undertaken are listed below:

Central Information Unit for Nursing Home and Chronic Care Facilities

In January, 1959 Miss Elizabeth Rackemann, former Case Aide, joined the staff to establish for the total Department a central source of valid, detailed and current information about nursing homes and other after-care facilities. She has visited over one hundred and fifty such facilities and has an excellent information file available for use by the social work staff. Through Miss Rackemann, experiences both good and poor are shared so that we can keep close touch with the places we are using for patients.

There are many problems in continuity of after-care plans, such as selection of facility, establishment of medical responsibility and financing. An Advisory Committee with Dr. Edward L. Young as Chairman and with representatives from Hospital Administration, Clinical, Nursing and Social Service staffs has been most helpful to Miss Rackemann and the Department in discussion of policies, procedures and individual problems which arise.

Archives and Historical Documents

During the past months, Miss Mary K. Taylor has been reviewing and cataloguing valuable historical material from Miss Cannon's files and the Department files. The project is being financed with some of the income from the John P. Monks Fund because of Dr. Monks' expressed concern to Miss Cannon that the story of the growth and development of this Department be written and preserved. Scattered, and indeed buried in the files, are valuable letters, papers and handwritten notes by Dr. Cabot and Miss Cannon and many others who, through the years, built into the fabric of this Service standards which must be forever preserved. Here is vitally and thrillingly documented the struggles and development of this new professional service, documents which bring alive the individuals whose dedication, imaginative, creative thinking and active service made possible the achievements of today and established guides for the future.

As new generations of Social Service staff and students, medical students and others pass through this Hospital, it is important that they absorb some of this quality of the dedicated and creative service which characterized the men and women who gave leadership and support to this Department. As the span of time increases, this heritage can become remote unless we keep it alive. Each generation may produce its Ida Cannon, Richard Cabot, James Putnam, Sarah Evarts, William Beckman and John Monks, and as it does their contributions can be added to the others.

We envision a Memorial Room in the proposed centralized Social Service Unit where these documents and pictures can be preserved yet accessible to all who come for study and service here in the Social Service Department of the Massachusetts General Hospital.

The Future

Our minds are now turning to the future as the Hospital is planning its new building program. There has long been need for a centralized administrative unit from which all of the activities of the Department are directed. The present small

unit in the Moseley Building is remote from the major operation of the Department, and indeed remote from any of the patient care and teaching activities. While we believe that we will always need decentralization of staff with offices located in the area of the patients served, the majority of those offices are located in the Clinics Building.

It, therefore, seems appropriate that with the proposed building of a new clinic facility, it would be most appropriate and advantageous if such a unit could be housed there. Appropriate, since it was in the Medical Clinic that Social Service in medical care was born and given to the world; advantageous since the largest units of service and activity are carried on there and the major group of staff are suitably housed there.

The unit should include available space for administrative offices: Offices for the Chief of the Department and assistant, for an educational director and student unit, and for seminar and conference rooms for staff meetings, teaching sessions and conferences with visitors, allied professional colleagues and community workers.

Each year we pay tribute to the Hospital Administration and the Advisory Committee whose constructive understanding and backing make our heavy responsibilities bearable and offer us stimulation to seek new horizons.

JOSEPHINE C. BARBOUR
Chief of Social Service

Report of the Dietary Department

ANNUAL reports of progress in the Dietary Department have been a history of continual change to keep abreast of the times.

Statistics are not comparable with experience this year — due to continual modification in menu patterns. The "breakfast - lunch - dinner" vs. the "breakfast - dinner - supper", reflecting the trend to suburbia, has been well received by patients and personnel; and the reallocation of floors (White 8 to semi-private service, Vincent 3 and Burnham 6) are integral parts of the Vincent Burnham service. An analysis of diet orders is of interest: sodium restricted diets and diets for weight management continue to figure prominently; and there is a slight increase in the low-cholesterol diet and the low purine diet, as well as in the requests for minimal residue regimes in the surgical services.

This year has seen many renovations in the physical plant: Kitchen and cafeteria areas have been painted; new equipment has met the needs of an additional semi-private service on White 8; a walk-in chest has increased the freezer space in the Food Store; Corey coffee makers have proved most satisfactory in the cafeterias; and two hundred new chairs have alleviated the seating problem in the East unit. The obsolete dishmachines in the Bulfinch Building have been replaced with modern Champion Machines, and two floors in the medical service are enjoying the Lincolnshire china. The Nutrition Clinic has been assigned new quarters on the first floor in the Out Patient Department.

Marriage, maternity and moving have taken a high toll. This year has been a period of orientation for twelve new members who have joined the graduate staff. Three of our own post-graduate students accepted staff appointments; five of the dietitians came to us at the completion of their internship elsewhere; and three appointments were given to experienced staff dietitians. A reevaluation of staff responsibility has played a strong role in our pattern of service, especially in the surgical service where the addition of a graduate dietitian has made it

possible to improve patient service and intern teaching through a more flexible work schedule.

There is no adequate quantitative measure of the impact of the teaching facet of this Hospital. The constantly increasing rate of change makes the role of education both more important and more difficult. This year's class numbers twenty-six Dietetic Interns. Increasing demands for time and service have resulted in the continued delegation of responsibility to them and to the nonprofessional personnel primarily through staff conference and the work simplification group.

The traditional recognition of Ether Day inspired thoughts of our heritage. The demands of today and the outlets for the future intensify our purpose as we strive to meet the year ahead.

LOUISE HATCH
Director of Dietary Department and School of Dietetics

Report of the Volunteer Department

AS I look back over the past five years of my service as Director of the Volunteer Department it is most gratifying to realize that the progress of the Department is measured not so much in the greater number of volunteers contributing a service or the number of hours given, but in their improved training and the new areas in which they are needed and accepted. The results of numerous discussions and reappraisals of effectiveness are clearly beginning to mature.

It is of interest to note that our statistics reveal a total number of 620 volunteers who contributed 52,523 hours of service. Sixty-one new volunteers were awarded the American Hospital Association 100-hour volunteer service pin. Letters of recognition were sent to 67 volunteers including nine in-service groups who gave considerable time to specific projects, and to individuals whose length of service exceeded five years.

I should like to pay special tribute to the highly effective service rendered by the members of the Advisory Committee throughout this year. In their extensive study to further volunteer services they invited five leaders of in-service groups to report on their activities and future needs.

After a study to determine the need for a new admissions receptionist, a daily service was initiated on Burnham 6. Patients are now greeted by the volunteer and escorted to an assigned bed, then introduced to other children. The volunteer is also available for general information to parents.

The development and revision of procedures in clinic areas have established practices making for a more effective volunteer service. The Multiple Sclerosis Clinic was reorganized, and members of the Multiple Sclerosis Society perform a hospitality service at this weekly clinic.

In the Blood Bank eighteen volunteers are assigned on a regular basis, week-days in the afternoon and Monday and Wednesday evenings. It is with no little pride that we include here a list of volunteers, each of whom has given over ten years of service: Mrs. Francis M. Rackemann, Miss Blanche E. Houla-

han, Mrs. Serena R. Bentley, Miss Lillian R. Carey, Mrs. Carl L. Billings, Mrs. Clara Lucas, Miss Kate Saunders, and Mrs. Edna M. Wilber. These dedicated volunteers remain interested in and loyal to the needs of this area. Their duties range from registering donors and filing to "preping" and serving refreshments.

Recruitment in itself is a major activity of the Department and particular mention must be made of the many hours of study devoted especially to the problem of volunteer recruitment for morning service, and the frequent requests for assistance in new areas.

It has been a pleasure and a help to our service to be included on the Staff Education program of the Nursing Service.

The Director of the Volunteer Department was the recipient of invitations to participate in the following programs: the Hospital Auxiliary Workshop conducted by the Pennsylvania State University and the New England Hospital Assembly Auxiliary panel. She also acted as subcommittee chairman of the planning committee in conjunction with the Boston University School of Public Relations and Communications in planning a workshop for Directors of Hospital Volunteers, the first of its kind to be offered in the New England area. Because of the ever-increasing expansion of volunteer service, the need for training and leadership in this field is felt not only on a local level, but also on a national and international one.

No brief account of progress such as this can capture adequately the spirit of Hospital Volunteer Service. The quality of service is derived from the character, understanding and support of the men and women associated with it. We can be confident that in their generous devotion to our common task, we shall reach new heights of achievement.

MARY RUTH WOLF
Director
Volunteer Department

Report of the Treadwell Library

AT its January, 1959, meeting the Treadwell Library Committee came to the conclusion that the usefulness of the library collections was impaired by the lending of periodicals on the same basis as catalogued books. In order to render the best possible service to the maximum number of the Massachusetts General Hospital staff members and to restore the Treadwell Library to the status of a medical reference library, the circulation of all first copies of periodicals (bound and unbound) ceased as of February 1, 1959. Duplicate sets of the more commonly used journals are being obtained and placed on the shelves adjacent to the noncirculating volumes. Also, under special conditions, first copies of periodicals are allowed to circulate within the Hospital for a short time. This exception makes it possible for individuals to have journals for journal club meetings, preparation of lantern slides, help with translations, and so forth. That this change in policy has been successful is evident from the many comments of users who at first thought the restriction of the journals to library use would interfere with their literature research. In actual practice they have found the opposite to be true. The knowledge that a journal will be available for consultation has resulted in staff members making more use of the collection than heretofore; and has made it unnecessary for them to travel to the Boston Medical Library or the Harvard Medical Library rather than use the Treadwell Library which is maintained specifically for their use.

A glance at the statistics for the year will show that the total number of loans of periodicals for the year decreased by some 5,000 during fiscal 1959 while the number of readers using the library increased by approximately 1,000. The latter figure is probably too low since our method of recording readers is not very accurate.

Another way in which the Treadwell is endeavoring to be of more service to the Hospital staff is by improvement of the collection. Journals which are frequently asked for have been

added, as well as new journals which are recommended by readers who are specialists in the particular field covered by the journal publications. This has resulted in the addition of seventy-seven new journal titles during the past year, bringing the total number of periodicals currently received to 377. Books are added as recommended by staff members. An attempt is being made to strengthen the collection in certain fields which have been notably weak by seeking the advice of members of the staff on the various services.

The Nursing Service has added a number of books on administrative techniques for use by the graduate nurses who are participating in the leadership program. Many of these books have proved to be of interest to others in administrative positions.

Approximately 500 books have been catalogued and added to the collection either by purchase or as gifts of individuals, institutions or other departments of the Hospital. A few of the books have been replacements for copies either lost or "permanently borrowed" by an unknown person.

Although the staff of the Treadwell Library would like to increase its services to library patrons, it must be content to help the reader find the information he requires. He can do this by consulting the card catalogue to ascertain whether the Library has the literature he desires. If so, then he may use the plan of the Library which is posted, the visible index and signs strategically placed to find the material himself.

Material not in the Treadwell collections is borrowed for staff members from other libraries. This is a major activity as is proved by the receipt during the past year of some 2,100 items, of which 150 were photocopies from the National Library of Medicine. These photocopies are kept on file in the Library, thus eliminating the necessity of requesting them a second time. Photocopying of articles in the Library is a continued and appreciated service offered at a nominal fee. More than 4,200 pages were copied during the year.

The addition of a number of new reference books has made it possible for the staff to answer routine reference questions quickly and without having to call another library for the information. Reference work *per se* is still limited to those items

which require little searching, or which require simply directing the person to the possible source of information.

The Boston Medical Librarians Council has continued to meet approximately once a month. Such topics as book binderies, lending policies, the interlibrary loan code and the projected merger of the Boston Medical and Harvard Medical Libraries have been discussed. Preliminary plans and arrangements have been made for the meeting of the Medical Library Association in Boston in 1963.

The Librarian attended the annual meeting and refresher courses of the Medical Library Association in Toronto, Canada, from June 12-19, 1959. During 1958-59 the Librarian served as Member-at-large on the Board of Directors of the Boston Chapter of the Special Libraries Association, and in 1959 was appointed Chairman of this organization's Recruitment Committee. This Committee is concerned with arousing the interest of students in librarianship as a career. Also, in 1959, the Librarian was elected Vice-President of the University of Wisconsin Library School Alumni Association.

Miss Ruth E. Raymond completed ten years of service in the Treadwell Library on July 31, 1959. Staff changes during the year included the resignations of Mrs. Miriam R. Lyon and her successor, Miss Valerie D. Baker—the former to devote full time to her home and family and the latter to attend the University of Grenoble in France. Mrs. Drusilla A. Wendoloski joined the staff as senior officer assistant in September. Night clerical help, in addition to Gertrude Holler, included David Belucci, Wilma L. Evans, Mrs. Betty A. Minton, Roger Newman, Constance A. Peterson, Andrew L. Togut and Ann White.

Two loyal volunteers, Mrs. Virginia L. Crowell and Miss Helen Bernice Sweeney, have continued to devote time each week to the Treadwell Library projects assigned to them. Mrs. Crowell checks the Hospital records to furnish discharge diagnoses for the surgical reports which are indexed, bound and kept in the Treadwell Library vault, while Miss Sweeney is preparing the Staff Publications for binding and indexing on cards.

Sincere appreciation is extended to each member of the Treadwell Library Committee for the time devoted to the Library and for the advice each has given in formulating its

administrative policies. Two of the immediate goals which they and the Librarian hope to attain are more reading room space, which will become critical soon because of the increased use of the Library, and better and less hazardous lighting in the reading room and stack areas.

To all the friends of the Treadwell Library who have continued to contribute books and journals to its collections go the sincere thanks of the Librarian, the members of the Library Committee and the readers. The list of individual donors is kept on file, with a copy of this report, in the Library. Physicians who have given journals to the Library may have noticed that the Library is now subscribing to these same journals. This is especially true of the journals which are needed as soon as possible after publication. Often the current issue is much delayed in reaching the Library and, therefore, it seemed better to subscribe to the journal and to accept the gift as a duplicate which will become the circulating copy. It is hoped that this meets with the approval of the donors and that the Library will continue to be the recipient of unwanted journals.

Publications of medical organizations, international congresses, programs, symposia, and so forth, are the most difficult material for the Library to obtain since often they are offered only to members. Any physician receiving such items and willing to part with them would be helping the Library greatly if he would present them to the Library so that its holdings will be more complete.

The Librarian would, also, like to take this opportunity to remind each Staff member of the importance of depositing in the Library at least one copy of everything he publishes. This will make it possible to keep a non-circulating collection of books by Massachusetts General Hospital authors as well as the bound volumes of reprints. Circulating copies of books are purchased by the Library if the publisher is not instructed to send two copies. This is a project which has not, until the present time, been organized systematically so that the Library book collection does not contain all of the publications by the Massachusetts General Hospital staff since its establishment. With the cooperation of the authors it will be possible to attain this goal in the future, and an attempt will be made to obtain those older publications not possessed by the Library.

The statistics for the year follow:

	1958	*1959*
Number of periodical volumes	12,285	12,720
Number of other volumes	8,802	9,270
Number of volumes discarded	3	0
Number of pamphlets	1,540	1,600
Number of photocopies received from National Library of Medicine and on file	275	440
Number of pages photocopied in Treadwell	2,800	4,235
Number of items given to other Libraries (approx.)	300	50
Number of periodical subscriptions received	300	377*
Number of volumes loaned	9,816	6,928
Number of unbound periodicals loaned	3,421	1,518
Total number of loans	13,237	8,446**
Number of items borrowed from other Libraries	2,366	2,145
Number of items loaned to other Libraries	92	68***
Number of persons using Library during day	31,940	32,328
Number of persons using Library during evening	5,736	6,035
TOTAL NUMBER USING THE LIBRARY	37,676	38,363

GENEVIEVE COLE
Librarian

*Includes 311 purchased and 66 gifts.
**Decrease due to restriction of journal borrowing.
***Decrease due to Howe Library borrowing journals directly from Boston or Harvard Medical Libraries since February 1, 1959.

Dalton Scholarships

THE income of this fund, amounting to $1,000 annually, is devoted to investigation in the science of medicine. The rules of the Trustees applicable to it are as follows:

ARTICLE 1. Candidates shall be nominated to the Board of Trustees by the General Executive Committee with their recommendations. They shall be either interns of the General Hospital or graduates of a regular American medical college.

ARTICLE 2. The nature of the work in medical investigation proposed to be prosecuted by each candidate shall be designated by the candidate.

ARTICLE 3. The dates of beginning and ending scholarships, the amounts of the stipends and the conditions of work shall in each case be recommended by the General Executive Committee to the Board of Trustees.

ARTICLE 4. The results of work of scholars shall appertain to the Hospital, and when made public the name of the scholar shall accompany the publication, but no publication shall be made unless approved by the General Executive Committee.

ARTICLE 5. When the income is insufficient, appointments for the year may be omitted.

ARTICLE 6. Any income not used shall be cumulative and not added to the principal.

ARTICLE 7. Scholars shall be eligible for renomination and reappointment.

Further information may be had by applying to the General Director of the Massachusetts General Hospital.

Warren Triennial Prize

THE Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation considered worthy of a premium on some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

In 1962 the prize will be awarded in the form of a lectureship at the Massachusetts General Hospital. The Warren Prize Lecturer, selected for outstanding work in medical science, will be nominated to the Trustees by the General Executive Committee.

The submission of special theses or essays will no longer be required for this competitive prize.

DEAN A. CLARK, M.D.
General Director

Statistical and Comparitive Tables

Statistical and Comparative Tables

TOTAL ACCRUED EXPENSES

	General Hospital	Out-Patient Department	Phillips House	Baker Memorial	Miscellaneous	Total
1950.....	—	—	—	—	—	7,786,606.
1951.....	2,569,592.	853,238.	811,974.	2,004,082.	2,697,081.	8,935,967.
1952.....	2,810,431.	819,420.	870,212.	2,054,835.	2,731,526.	9,286,424.
1953.....	3,064,151.	887,828.	907,984.	2,084,635.	2,788,945.	9,733,543.
1954.....	3,168,890.	1,012,659.	1,006,092.	2,407,785.	3,229,039.	10,824,465.
1955.....	3,575,242.	1,008,501.	1,042,335.	2,512,596.	3,473,377.	11,612,051.
1956.....	4,261,912.	1,158,356.	1,203,094.	2,770,015.	3,690,189.	13,083,566.
1957.....	4,476,986.	1,334,795.	1,304,260.	2,934,279.	4,518,960.	14,569,280.
1958.....	5,375,433.	1,483,044.	1,523,384.	3,406,112.	2,378,576.*	14,166,549.
1959.....	5,575,972.	1,605,612.	1,666,735.	3,714,185.	2,794,412.*	15,356,916.

TOTAL NET ACCRUED EARNINGS

1950.....	1,162,001.	477,294.	992,245.	1,959,196.	1,292,799.	5,883,545.
1951.....	1,319,840.	530,748.	998,282.	2,111,083.	1,648,868.	6,602,821.
1952.....	1,641,270.	575,864.	1,059,098.	2,304,887.	1,360,677.	6,941,796.
1953.....	1,922,424.	599,384.	1,165,987.	2,476,787.	1,410,630.	7,575,212.
1954.....	1,958,527.	648,324.	1,177,469.	2,638,040.	1,512,106.	7,934,466.
1955.....	2,357,868.	645,829.	1,235,431.	2,718,253.	1,700,183.	8,657,564.
1956.....	2,900,094.	659,737.	1,434,467.	2,966,123.	1,762,277.	9,722,698.
1957.....	2,927,985.	792,358.	1,523,634.	3,423,917.	2,155,307.	10,823,201.
1958.....	3,570,656.	864,742.	1,790,032.	3,897,908.	2,401,304.	12,524,642.
1959.....	3,837,852.	856,443.	1,976,648.	4,508,186.	2,660,813.	13,839,942.

* Research Funds excluded.

STATEMENT OF STOCK ON HAND

	Sept. 27, 1959	*Sept. 28, 1958*
Total Stock on Hand September 27, 1959 and September 28, 1958 respectively	$668,230.93	$687,084.77

GENERAL HOSPITAL

	No. Patients Admitted to Wards	Total Patients' Days Treatment	Average Stay in Hospital	No. Operations House Cases
1950.....	7,370	123,711	17— "	5,413
1951.....	7,232	115,904	16— "	4,885
1952.....	10,547	118,120	11+ "	4,793
1953.....	10,698	127,337	12— "	5,639
1954.....	10,521	127,496	12+ "	7,052
1955.....	11,586	141,585	12+ "	6,868
1956.....	11,083	141,231	13— "	7,225
1957.....	11,734	133,521	12— "	7,745
1958.....	11,890	141,371	12—	6,991
1959.....	11,954	142,097	12— "	7,098

GENERAL STATISTICS

Patients in Hospital:	*Sept. 27 1959*	*Sept. 28 1958*
Medical	89	223
Surgical	264	129
Children	19	21
Total	372	373

Patients admitted during year:	*1959*	*1958*
Medical	4,803	4,999
Surgical	6,260	6,133
Children	891	758
Total	11,954	11,891

Patients discharged during year:		
Against advice	3	6
Died	784	866
Otherwise discharged	11,191	11,019
Total	11,978	11,891

	1959	*1958*
Net income, General Hospital	$3,837,852.	$3,570,656.
Total number of patient days	142,097	141,371

	1959	*1958*
Average number of patients per day	390+	388
Number of beds available	454	454
Percentage of beds occupied	86%	86.9%
Autopsies	67%	64%
Per capita earnings (excluding special nurses)	27.01	25.26
Per capita earnings on special fees	12.47	11.93
Per capita cost of foods, patients only	.95	.90

HOUSE PATIENTS

Residences

	1959	*1958*
Boston	4,591	4,689
Metropolitan Boston	5,310	5,089
Massachusetts (except Metropolitan Boston)	1,754	1,774
Outside of Massachusetts	299	338
Total	119,54	11,890

EMERGENCY WARD

	Number of Patients Treated	Average Daily Cost per Patient	Cost of Maintenance	Total Net Receipts
1950	15,335	6.15	94,348.	15,151.
1951	18,449	7.94	146,576.	47,978.
1952	20,243	8.16	165,108.	71,149.
1953	21,231	9.02	191,442.	86,891.
1954	21,216	10.28	218,048.	108,598.
1955	25,027	10.35	258,960.	132,560.
1956	29,144	12.18	355,013.	130,049.
1957	32,036	11.76	376,625.	154,539.
1958	35,041	9.73	340,911.	168,212.
1959	35,698	11.10	396,425.	128,800.

COMBINED CLINICS

	New Cases	Total Number of Visits	Daily Average	Total Number Prescriptions Filled
1950	16,590	195,849	649—	105,031
1951	15,065	183,667	608+	111,125
1952	14,307	177,657	588+	111,959
1953	14,955	176,587	585	114,859
1954	15,226	181,774	602—	121,424
1955	14,577	187,747	622—	126,067
1956	13,079	186,517	618—	127,885
1957	13,173	211,205*	699+	129,179
1958	12,283	216,216*	716—	129,622
1959	12,491	225,256*	746—	133,103

	Cost of Combined O. P. D.	M. G. H. Share of Cost	Aver. Daily Cost per Pt. in Comb. Depts.	Total Net Receipts	Aver. Daily Net Receipts	MGH Share of Net Receipts
1950	940,238	645,898	4.80	697,505	3.56	477,294
1951	911,217	710,433	4.96	676,259	3.68	441,982
1952	918,728	726,900	5.17	697,498	3.93	484,020
1953	943,852	779,549	5.34	645,901	3.66	489,568
1954	1,069,175	888,492	5.88	671,304	3.69	517,888
1955	1,088,976	889,033	5.80	685,386	3.65	527,948
1956	1,243,689	1,022,144	6.67	673,815	3.61	525,917
1957	1,420,258	1,191,370	6.72	806,433	3.82	651,397
1958	1,565,229	1,327,536	7.24	868,250	4.02	710,984
1959	1,704,172	1,454,023	7.57	917,333	4.07	707,470

*Includes Staff and Other — See page 123.

	New Patients		Subsequent Visits		* Staff & Other	
	1959	*1958*	*1959*	*1958*	*1959*	*1958*
Admitting Physician	566	10	1,935	2,162	671	1,033
Medicine	599	1,059	21,857	20,937	162	280
Alcohol	14	21	881	869	943	889
Allergy	22	14	8,949	6,962	808	697
Anemia	1	7	312	338	8	12
Hematology	—	—	126	—	3	—
Arthritis	2	5	989	1,151	32	41
Diabetes	3	10	3,537	2,925	114	138
Gastro-Intestinal	1	1	1,079	1,147	24	20
Cardiac	23	15	975	996	15	22
Hypertension	—	3	332	483	5	16
Nutrition	4	—	325	292	4,287	4,233
Ovarian Dysfunction	13	10	512	318	29	17
Podiatry	2	2	1,247	997	254	269
Pulmonary	3	14	352	234	12	12
Rheumatic Fever	7	4	452	502	10	9
Thyroid	2	2	2,100	2,060	1,273	1,008
Dermatology	781	785	8,507	7,608	1,280	1,150
Syphilis	43	46	3,013	2,620	348	351
Neurology	188	256	6,507	6,462	110	170
Language	29	30	5,138	3,646	111	59
Psychiatry	265	266	4,706	4,021	240	261
Child Psychiatry	11	6	1,834	1,781	974	460
Children's Medicine	820	918	5,742	4,966	192	149
Adolescent Endocrine	21	22	432	355	7	12
Surgery	311	277	13,010	12,554	1,041	1,366
Amputation Clinic	24	35	115	87	—	1
Amputation Rounds	15	12	134	130	—	6
Fracture	3	8	3,831	3,851	94	105
Hand	7	11	142	104	46	58
Plastic Surgery	—	1	61	59	4	5
Rectal Surgery	—	1	177	179	20	12
Vascular Surgery	2	4	437	456	33	39
Gynecology	133	120	3,571	2,944	424	464
Orthopedic Surgery	325	326	6,990	7,115	522	589
Infantile	—	2	38	281	—	18
Scoliosis	—	1	62	95	1	6
Urology	95	119	5,207	4,897	281	355
Stone	1	—	31	147	2	2
Dentistry	310	253	3,289	3,085	1,397	1,332
Tumor	217	187	8,156	8,725	707	833
Rehabilitation	4	7	196	277	20	51
General Hospital Clinics	4,867	4,870	127,286	118,818	16,504	16,550
General Hospital Totals	4,867	4,870	127,286	118,818	16,504	16,550
Ear, Nose and Throat	3,012	2,843	22,638	22,604	2,197	2,365
Eye	4,612	4,570	40,558	39,310	3,582	4,286
Eye & Ear Infirmary Totals	7,624	7,413	63,196	61,914	5,779	6,651
Combined Out-Patient Department Totals	12,491	12,283	190,482	180,732	22,283	23,201

	1959	*1958*
Total Attendance	225,256	216,216

* Staff & Other — includes Admitting Physician, Glaucoma and Retina Patients, Clinic Consultations, School of Nursing, Staff and House Patients seen in Clinics not included in census figures prior to October 1, 1956.

PHILLIPS HOUSE

	No. Patients Admitted					Total	Aver. No.	No. of
	Med.	Surg.	Obstet.	Total	†Births	Patients' Days Treatment	Days in Hospital	Operations
1950....	909	1,482	97	2,488	83	28,605	11+	1,397
1951....	971	1,395	74	2,440	60	28,362	12—	1,252
1952....	1,084	1,527	21	2,632	18	29,009	10+	1,414
1953....	1,096	1,600	0	2,696	0	30,121	11—	1,414
1954....	1,134	1,482	0	2,616	0	30,736	11+	1,312
1955....	1,168	1,528	0	2,696	0	32,266	11+	1,153
1956....	1,269	1,671	0	2,940	0	36,938	12+	1,251
1957....	1,233	1,645	0	2,878	0	36,909	12+	1,386
1958....	1,406	1,647	0	3,053	0	36,396	12+	1,192
1959....	1,453	1,822	0	3,275	0	41,784	12—	1,366

	1959	*1958*
Average number of patients per day	115	100
Number of beds	134	122
Percentage of beds occupied	85.7%	77.7%
Autopsies	69%	83%
Gross per capita earnings, excluding special nurses	47.31	49.18
Net per capita earnings on special fees excluding board and special nurses	16.92	16.64
Per capita cost of raw food, patients only	1.84	1.84

BAKER MEMORIAL

	No. Patients Admitted					Total	Aver. No.	No. of
	Med.	Surg.	Obstet.	Total	†Births	Patients' Days Treatment	Days in Hospital	Operations
1950....	1,689	5,143	249	7,081	212	86,417	11+	4,967
1951....	1,914	5,121	227	7,262	200	88,826	12+	5,204
1952....	2,007	5,449	164	7,620	139	88,096	11+	5,875
1953....	1,848	5,845	*226	7,919	0	93,496	11+	6,233
1954....	2,144	5,826	*250	8,220	0	98,461	11+	4,765
1955....	2,342	5,753	*285	8,380	0	96,211	11+	4,588
1956....	2,331	5,956	*364	8,651	0	102,484	12—	4,887
1957....	2,459	6,166	*391	9,016	0	102,738	11+	4,954
1958....	2,747	6,181	*368	9,296	0	106,450	11+	4,851
1959....	3,006	6,694	*405	10,105	0	112,351	10+	4,215

	1959	*1958*
Average number of patients per day	309	292
Number of beds available	339	311
Percentage of beds occupied	91.1%	91.2%
Autopsies	57%	68%
Gross per capita earnings, excluding special nurses	40.13	36.62
Net per capita earnings on special fees excluding board and special nurses	15.31	14.06
Per capita cost of raw food, patients only	1.21	1.21
Average professional fee per patient	105.92	119.27
Average Hospital charge per patient	469.90	475.39
Average Hospital charge per patient, including professional fees, but excluding special nurses	575.82	574.77

*Children's Medical.

†Newborn are not counted as admissions and are therefore not included in census.

BAKER MEMORIAL PATIENTS

Residences	*1959*	*1958*
Boston	2,178	1,947
Massachusetts (except Boston)	6,689	6,115
Maine	119	184
New Hampshire and Vermont	317	268
Rhode Island and Connecticut	371	345
New York	170	162
Other States	194	201
British Provinces	17	15
Other Foreign Countries	50	59
Total	10,105	9,296

Combined Statistics for all Units for 1959

	General Hospital	Baker Memorial	Phillips House	Total
Number of patients admitted	11,954	10,105	3,275	25,334
Number of patient days	142,097	112,351	41,784	296,232
Number of operations	7,098	4,215	1,366	12,679
Average number of patients	390	115	309	814

RADIOLOGICAL DEPARTMENT

General Hospital	*1959*	*1958*
House Patients Examined	18,195	16,935
Out-Patient Department patients examined	14,176	17,221
Emergency Ward patients examined	11,199	10,225
Staff patients examined	3,759	—
Total number patients examined	47,329	44,381
X-Ray treatments given (Inc. Baker & Phillips House)	*16,834	14,381
Number of examinations	73,780	61,632
Total number of examinations and treatments	90,614	76,013
Phillips House		
House patients examined	3,914	3,451
Private patients examined	44	820
Total number patients examined	3,958	4,271
Number of examinations	7,318	5,675
Total number of examinations	7,318	5,675
Baker Memorial		
House patients examined	12,165	11,079
Private patients examined	8,885	4,482
Total number patients examined	21,050	15,561
Number of examinations	33,902	19,465
Total number of examinations	33,902	19,465

* Includes 158 Radium & Isotope cases

Entire Hospital
(Combined Statistics)

Total number patients examined	72,337	64,213
Total number patients treated	1,393	1,196
Total number patients examined and treated	73,730	65,409
Total number examinations	115,000	86,772
Total number treatments and observations	16,676	16,156
Total number of radium & isotopes treatments	158	285
Total number examinations, treatments and observations, radium & isotopes	**131,834	103,213

Radium Therapy

Treatments given:	*1959*	*1958*
General Hospital (including Eye and Ear Infirmary)	89	135
Phillips House	7	16
Baker Memorial	62	134
Total number treatments given	158	285

PHYSICAL MEDICINE DEPARTMENT

Physical Therapy

Treatments given:	*1959*	*1958*
Out-Patient Department	3,182	2,134
General Hospital (including Eye and Ear Infirmary)	19,194	13,045
Phillips House	2,023	1,859
Baker Memorial	4,700	5,293
Private ambulatory patients	2,593	3,488
Total treatments given	31,692	25,819

Occupational Therapy

Treatments given:	*1959*	*1958*
Out-Patient Department	419	586
General Hospital	9,251	10,378
Phillips House	154	115
Baker Memorial	320	927
Private ambulatory patients	412	280
Total Treatments given	10 556	12.286

**Includes 16,477 Roentgenoscopies counted as double examinations

NURSING DEPARTMENT

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
Average No. of Graduates on General Hospital Staff	195	195	213	203	220	187	194	190	254	249
Average No. of Graduates on School of Nursing Staff						42	41	44	46	48
Average No. of Graduates on Baker Memorial Staff	97	86	79	74	80	60	58	60	78	75
Average No. of Graduates on Phillips House Staff	57	56	56	54	55	55	58	62	76	83
Average No. Accepted Pupils	268	292	293	286	282	286	279	267	296	314
Average No. Preclinical Students	75	87	93	83	71	72	68	74	77	66
Average Total	692	716	734	700	708	625	698	697	827	834
Total No. Preclinical Students Admitted	140	158	150	133	143	139	125	186	135	134
Preclinical Students Dropped and Resigned	19	27	19	20	28	21	12	14	6	15
Accepted Pupils Dropped and Resigned	4	21	20	14	6	14	16	18	20	21
Total Dropped and Resigned	23	48	39	34	34	35	28	32	26	36
Average No. of Graduates on General Hospital Staff—*Part time	14	11	7	8	11	11	20	17	18	12
Average No. of Graduates on Baker Memorial Staff—*Part time	6	4	8	5	12	8	10	5	5	7
Average No. of Graduates on Phillips House Staff—*Part time	7	6	3	4	6	9	9	11	5	6
Total *Part time graduates	27	21	18	17	29	28	39	33	28	25

*Part time nurses expressed in equivalent of full time.

MASSACHUSETTS GENERAL HOSPITAL

Combined In-Patient Care Income and Cost per Day

	1959	*1958*
Total Number of In-Patient Days	296,232	284,217
Total Income	$13,826,139	$12,505,140
Deduct Non In-Patient Income:		
Other Income	2,436,742	2,190,245
Out-Patient Department	632,712	633,924
Emergency Ward	131,061	116,669
Private Ambulatory	279,744	222,187
	3,480,259	3,163,025
Total In-Patient Income	$10,345,880	$9,342,115
Income Per In-Patient Day	$34.92	$32.87
Total Expenses	$18,592,022	$16,769,125
Deduct Non In-Patient Expense:		
Non-Operating & Research	3,912,442	3,179,135
Non-Patient	1,610,140	1,393,644
Out-Patient Department	1,454,023	1,327,536
Emergency Ward	396,425	340,911
Private Ambulatory	255,149	202,970
	7,628,179	6,444,196
Total In-Patient Expense	$10,963,843	$10,324,929
Cost Per In-Patient Day	$37.01	$36.33

TABLE OF ADMISSIONS, DISCHARGES, AND RESULTS, AT THE GENERAL HOSPITAL, PHILLIPS HOUSE AND THE BAKER MEMORIAL FROM JANUARY 1, 1950 TO SEPTEMBER 27, 1959

	General Hospital							Out-Patient Department		Phillips House						The Baker Memorial					
		Deaths									Deaths						Deaths				
Year	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average		New Patients	Visits	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average	Admissions	Total Number	Percentage of Total Admitted	Highest Daily Census	Lowest Daily Census	Average
1950	7,370	481	6.52	381	238	340−		16,590	195,849	2,494	72	2.88	76	37	79−	7,190	202	2.81	283	151	248+
1951	7,232	514	7.10	367	204	291+		15,065	183,667	2,440	66	2.78	100	41	78−	7,262	199	2.74	302	146	244+
1952	10,547	530	5.02	380	227	325−		14,307	177,657	2,632	88	3.34	103	45	80−	7,620	194	2.54	300	145	242+
1953	10,698	597	5.06	397	227	350−		14,955	176,587	2,696	86	3.19	107	51	83−	7,919	206	2.60	323	168	256+
1954	10,521	585	5.56	427	259	350+		15,226	181,774	2,616	76	2.90	112	47	84+	8,220	194	2.36	323	190	273+
1955	11,586	680	5.86	466	306	389−		14,577	173,170	2,697	74	2.74	120	55	88+	8,390	243	2.89	350	176	264+
1956	11,083	671	6.04	466	260	390+		13,079	186,517	2,940	81	2.75	123	42	95+	8,651	221	2.55	350	183	281+
1957	11,734	778	6.63	419	260	367−		13,173	211,205	2,878	75	2.96	123	56	98+	9,086	268	2.94	352	171	282+
1958	11,890	866	7.28	460	273	384+		12,283	216,216	3,053	93	3.05	135	59	92−	9,296	279	3.00	366	158	292+
1959	11,954	784	6.56	456	316	390+		12,491	225,256	3,275	93	2.84	138	65	114+	10,105	316	3.13	374	194	308+

Total number of patients admitted to General Hospital from the year 1821 — 561,716
" " " " " " Phillips House " " " 1917 — 98,377
" " " " " " Baker Memorial " " " 1930 — 198,594

858,687

MASSACHUSETTS GENERAL HOSPITAL — INCOME STATEMENT
THIRTEEN PERIODS ENDING SEPTEMBER 27, 1959

GROSS EARNINGS AT STANDARD RATE	Total 1958	Total 1959	Phillips House	Baker Memorial	General Hospital	General Hospital O.P.D.	Emergency Ward Treatment	Private Ambulatory	Other
DAY RATE SERVICE	$7,282,941.54	$7,875,857.93	$1,415,707.86	$3,010,495.37	$3,364,671.83	.....	.....	.....	84,982.87
Out Patient Adm. Fees	500,914.86	442,945.42	.....	.....	.....	442,945.42	.....	.....	.....
Emergency Ward Fees	102,778.50	124,110.81	.....	.....	.....	.....	124,110.81	.....	.....
Operating Room	978,636.26	1,062,445.92	148,669.44	484,399.85	414,048.48	1,635.00	700.35	9,290.65	3,702.15
Anesthesia	428,736.85	453,803.96	86,344.50	226,510.50	138,512.86	159.50	154.50	998.60	1,123.50
Radiology—Diagnosis	835,268.90	971,758.02	127,690.00	273,441.00	259,484.45	138,441.60	61,168.50	106,707.53	4,824.94
Radiology—Therapy	106,967.90	117,353.22	22,590.00	19,060.00	6,726.00	23,676.00	.....	40,209.53	5,091.69
Laboratories	997,282.22	1,128,053.30	158,745.58	309,529.32	381,935.12	92,400.61	26,971.96	103,197.88	55,272.83
Basal Metabolism	8,861.65	13,082.20	1,099.00	1,605.50	1,018.50	3,406.95	5.00	2,039.50	3,907.75
E K G	63,422.35	74,802.47	6,870.12	13,181.00	36,964.00	6,183.40	8,128.70	1,860.50	1,614.75
Blood Bank	283,681.14	316,938.40	53,042.57	124,558.25	120,123.48	42.00	1,093.00	5.00	18,074.10
Physical Therapy	94,856.91	107,787.49	12,593.00	22,715.50	44,903.15	10,562.58	.....	17,548.50	(535.24)
Occupational Therapy	13,071.23	17,248.09	654.65	1,905.27	13,098.57	1,002.88	.....	560.41	26.31
Purchased Service	17,154.15	16,997.81	779.32	2,704.68	8,735.96	(409.00)	1,368.90	.....	3,817.95
Oxygen Therapy	80,783.68	83,762.77	9,338.97	33,761.01	40,230.64	.....	.....	.....	432.15
Intravenous Therapy	45,790.63	140,644.34	14,668.75	43,902.00	81,196.50	.....	60.00	.....	817.09
Central Supply Room	126,154.12	66,346.48	6,016.96	22,134.13	34,169.67	33.97	4.50	8.25	3,979.00
Pharmacy	824,041.77	850,341.26	48,437.48	148,101.08	296,268.35	240,275.72	102.90	150.00	117,005.73
Total Earnings from Services to Patients	12,791,344.66	13,864,279.89	2,113,248.20	4,738,004.46	5,242,087.56	960,356.63	223,869.12	282,576.35	304,137.57
Deductions from Earnings Charity Allowances	1,270,744.16	887,841.81	14,021.30	19,985.94	572,870.00	201,998.16	76,134.41	2,832.00	.....
Other Rebates and Losses	751,233.21	1,091,849.62	45,299.08	256,264.71	647,965.48	125,646.61	16,673.74	.....	.....
Provision for Doubtful Accounts	454,471.46	493,247.57	.....	86,426.44	406,821.13	.....	.....	.....	.....
Total Deductions	2,476,448.83	2,472,939.00	59,320.38	362,677.09	1,627,656.61	327,644.77	92,808.15	2,832.00	.....
Net Earnings from Services to Patients	10,314,895.83	11,391,340.89	2,053,927.82	4,375,327.37	3,614,430.95	632,711.86	131,060.97	279,744.35	304,137.57
Dietary	328,621.65	338,739.71	.....	.....	.....	.....	.....	.....	.....
Miscellaneous Income	1,861,622.29	2,096,058.18	.....	.....	.....	.....	.....	.....	.....
Total Hospital Earnings	12,505,139.77	13,826,138.78	.....	.....	.....	.....	.....	.....	.....

MASSACHUSETTS GENERAL HOSPITAL

Income and Expense Statement

Summary

Operating Income	*Total 1959*	*Total 1958*
Earnings from services to patients		
Private Patients	$2,113,248	$1,808,687
Semi-Private Patients	4,738,004	4,239,376
Ward Patients	5,242,088	5,066,206
Out-Patient Department	960,357	962,450
Private Ambulatory	282,576	226,003
Emergency Ward	223,869	194,987
Other	304,138	293,636
Total Earnings From Services to Patients	$13,864,280	$12,791,345
Less:—Deductions from earnings:		
Charity Allowances	$ 887,842	$1,270,744
Other Rebates and Losses	1,091,850	751,233
Net Provision for Doubtful Accounts	493,247	454,471
Total Deductions from Earnings	$2,472,939	$2,476,448
Net Earnings From Services to Patients	11,391,341	10,314,897
Other Income	2,434,798	2,209,746
Total Income	$13,826,139	$12,524,643
Operating Expenses		
Professional Care of Patients	$10,689,294	$9,910,052
Dietary Expenses	1,477,385	1,388,584
Housekeeping	635,556	576,308
Laundry & Linen	281,200	252,545
Plant Operation & Maintenance	1,724,527	1,668,826
Other Non-Patient Expenses	487,148	328,254
Total Operating Expenses	$15,295,110	$14,124,569
Net Operating Deficit	1,468,971	1,599,926
Add:—Non-Operating & Research Expenses	3,283,109	2,644,555
Net Deficit	4,752,080	4,244,481
Available From Treasurer For Expenses At Hospital	4,645,910	4,061,504
Final Deficit—Withdrawn From General Fund Principal	$ 106,170	$ 182,977

MASSACHUSETTS GENERAL HOSPITAL

STATEMENT OF STOCK ON HAND SEPTEMBER 27, 1959 AND SEPTEMBER 28, 1958

	Sept. 27, 1959	*Sept. 28, 1958*
General Hospital Apothecary Out-Patient Department Apothecary	$327,004.54	$385,702.93
General Hospital Upper Store	165,672.51	128,644.86
General Hospital Lower Store	29,114.12	36,538.23
General Hospital Maintenance	80,119.67	76,876.04
General Hospital Postage	1,278.74	649.43
General Hospital Print Shop	7,698.73	6,927.44
Other	57,342.62	51,745.84
Total Stock on Hand	$668,230.93	$687,084.77

Report of the Treasurer

In accordance with Article 5 of the By-Laws, the Annual Report of the Treasurer for the fiscal year ending September 30, 1959, approved by Patterson, Teele & Dennis, Auditors, is respectfully submitted.

THE MASSACHUSETTS GENERAL HOSPITAL
CONDENSED YEAR-END BALANCE SHEET

	Sept. 30, 1959	*Sept. 30, 1958*
ASSETS		
CASH	$ 3,517,256.01	$ 2,676,362.88
INVESTMENTS		
Bonds	14,239,084.08	13,244,053.24
Stocks	12,203,477.13	12,750,924.90
Notes and Commercial Paper	2,074,262.07	1,828,777.20
Real Estate	259,447.63	258,309.75
NOTES RECEIVABLE	246,984.90	180,645.15
ACCOUNTS RECEIVABLE — PATIENTS AND OTHERS (Less Allowance for Doubtful Accounts)	3,735,870.48	2,843,399.33
INVENTORIES OF SUPPLIES — AT ESTIMATED COST	731,261.41	744,738.81
PREPAID ITEMS	61,357.72	53,544.01
INTEREST IN MISCELLANEOUS ASSETS	11.00	9.00
PLANT (Less Provision for Depreciation)	20,985,591.68	20,706,795.64
CONSTRUCTION ACCOUNTS	323,332.01	254,455.52
DEFERRED CHARGES — REPAIRS	0.	35,640.30
	$58,377,936.12	$55,577,665.73
LIABILITIES		
ACCOUNTS PAYABLE AND ACCRUALS	$ 730,955.83	$ 536,470.99
PENSION RESERVES	268,155.49	211,483.35
W.C.A. AND REPAIR RESERVES	71,595.65	9,977.51
GENERAL FUND		
Treasurer's Account	453,154.01	476,634.73
Director's Account	3,485,030.90	3,006,471.85
GENERAL HOSPITAL ENDOWMENT FUNDS		
Unrestricted as to Income	4,972,860.61	4,816,338.22
Restricted as to Income	15,861,644.27	15,147,541.60
McLEAN HOSPITAL FUNDS		
General Fund		
Treasurer's Account	(158,991.89)	(55,911.50)
Director's Account	347,833.79	250,205.72
Endowment Funds	732,958.09	702,858.06
BUILDING FUNDS	979,944.03	793,204.66
FIDUCIARY FUNDS	423,978.20	394,790.77
FUNDS INVESTED IN PLANT	20,985,591.68	20,706,795.64
TEMPORARY FUNDS		
General Hospital	2,355,310.36	2,256,835.40
McLean Hospital	227,258.72	283,263.61
Fiduciary	6,183.64	7,461.11
GENERAL INVESTMENT PROFIT AND LOSS ACCOUNT	6,634,472.74	6,033,244.01
	$58,377,936.12	$55,577,665.73

( ) denotes red figures

THE MASSACHUSETTS GENERAL HOSPITAL
GENERAL HOSPITAL
CONDENSED INCOME STATEMENT
(for fiscal year ending Sept. 30)

	1958-9	*1957-8 (a)*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 241,355.00	$ 230,473.00
Annual Free Beds	2,250.00	2,955.00
Restricted	2,988,765.74	2,209,421.92
	$3,232,370.74*	$2,442,849.92*
INCOME FROM INVESTMENTS		
Unrestricted	$ 328,551.88	$ 323,010.55
Restricted	973,126.29	984,367.13
	$1,301,678.17	$1,307,377.68
OTHER INCOME		
From Trusts and Agents	$ 8,003.20	$ 10,524.97
Contributions for Connecting Building	10,413.00	12,013.00
Huntington Memorial Hospital	19,928.87	18,509.90
Miscellaneous	232,731.89	203,326.35
	$ 271,076.96	$ 244,374.22
TOTAL	$4,805,125.87	$3,994,601.82
RESTRICTED INCOME NOT APPLIED	98,474.96	(167,539.48)
	$4,706,650.91	$4,162,141.30
PAYMENTS FROM INCOME		
Added to Principal	$ 39,161.20	$ 45,563.97
Treasurer's Payments		
From Funds and Miscellaneous	21,579.38	55,073.13
Provision for Depreciation	809,672.46**	753,990.13**
	$ 870,413.04	$ 854,627.23
TREASURER'S BALANCE—AVAILABLE FOR EXPENSES AT HOSPITAL	$3,836,237.87	$3,307,514.07
HOSPITAL EXCESS OF EXPENSES	4,752,080.40	4,244,482.11
	$ 915,842.53	$ 936,968.04
CHARGED TO PLANT CAPITAL-DEPRECIATION	809,672.46	753,990.13
DEFICIT WITHDRAWN FROM GENERAL FUND PRINCIPAL	$ 106,170.07	$ 182,977.91

* Includes Community Fund Allocation of $225,905.00 for 1958/9 and $213,463.00 for 1957/8.

** Provision for Depreciation based on allowable amount under certain third party reimbursements.

(a) Restated for comparative purposes.

THE MASSACHUSETTS GENERAL HOSPITAL
McLEAN HOSPITAL
CONDENSED INCOME STATEMENT

(for fiscal year ending Sept. 30)

	1958-9	*1957-8 (a)*
TREASURER'S RECEIPTS		
GIFTS		
Unrestricted	$ 0.	$ 0.
Restricted	92,125.59	138,713.76
	$ 92,125.59	$138,713.76
INCOME FROM INVESTMENTS		
Unrestricted	$ 12,391.49	$ 19,741.11
Restricted	40,764.51	41,132.11
	$ 53,156.00	$ 60,873.22
OTHER INCOME		
From Trusts and Agents	$ 4,660.00	$ 4,823.33
Miscellaneous	3,748.20	0.
	$ 8,408.20	$ 4,823.33
TOTAL	$153,689.79	$204,410.31
RESTRICTED INCOME NOT APPLIED	(56,004.89)	(43,402.84)
	$209,694.68	$247,813.15
PAYMENTS FROM INCOME		
Added to Principal	$ 100.03	$ 97.23
Expenses Paid from Funds	6,788.22	4,766.32
Miscellaneous	0.	46,578.03
	$ 6,888.25	$ 51,441.58
TREASURER'S NET RECEIPTS	$202,806.43	$196,371.57
HOSPITAL EXCESS OF EXPENSES	265,924.57	348,954.45
DEFICIT—WITHDRAWN FROM FUNDS	$ 63,188.14	$152,582.88

(a) Restated for comparative purposes.

GENERAL FUND

	Income	Principal
FOR ANY HOSPITAL PURPOSE		$453,154.01

GENERAL HOSPITAL FUNDS

	Income	Principal
FLORENCE M. AGOOS MEMORIAL FUND For developing and furthering medical research and scientific medical knowledge through research and teaching. Bequest of Solomon Agoos		$10,000.00
PHILIP R. AND ANNE L. ALLEN ENDOWMENT FUND Income for any Hospital Purpose.		25,000.00
ANESTHESIA FUND Income to be used to supply laboratory facilities or such other advantages as the Trustees may determine for the Chief of the Anesthesia Department.		35,869.42
MARTHA B. ANGELL FUND For medical and surgical experimentation on animals to the end of saving human lives.		34,040.82
ARCHIVES, PICTURES AND HISTORICAL RELICS FUND "The income of which shall be used for the continuous and better care of hospital archives, pictures and historical relics pertaining to both the General Hospital and the McLean Hospital."	$ 3,207.19	8,051.00
JOHN ASHTON FUND For diseased and wounded soldiers.		28,202.64
THE JOSEPH C. AUB FUND Income to be spent for Cancer Investigation.	1,646.21	17,361.17
BAKER MEMORIAL FUND For the Baker Memorial. Sundry Bequests.		104,108.78
BAKER MEMORIAL ASSISTANCE FUND Income to help pay the hospital expenses of such individual patients of small means as are believed to have incurred hospital expenses greater than they anticipated at the time of entering the Hospital,—but not limited to such cases. Disbursements to be made on recommendation of staff member in charge of patient approved by Committee designated in will. Income may also be used to purchase apparatus suitable for handling fractures and operations. Bequest of Miss Carrie M. Jameson $5,601.20 Sundry Gifts 320.00	2,536.84	5,921.20
Carried forward	$7,390.24	$268,555.03

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$7,390.24	$268,555.03
LILLIAN DOBIE BALBONI MEMORIAL FUND Income for a Free Bed or for any other purpose the Trustees of the Hospital may think best. Sundry Gifts.	$2,321.61	$37,859.37
ARTHUR W. BLAKE FUND Income for the study and cure of nervous diseases.	–699.61	25,000.00
GEORGE WASHINGTON WALES BREWSTER MEMORIAL FUND Income for any Hospital purpose. Bequest of Mrs. George W. W. Brewster $5,000.00 Sundry Gifts 1,289.02		6,289.02
ANNIE BOLTON MATTHEWS BRYANT FUND Income for the benefit of people with moderate means for the establishment of free beds if the management believes it advisable, otherwise for general use.		72,093.70
ARTHUR TRACY CABOT FUND Income for support of laboratories.		20,000.00
RICHARD C. CABOT FUND For educational purposes in connection with the work of the Social Service Department.	864.49	47,655.02
RICHARD C. CABOT MEDICAL SOCIAL LIBRARY FUND Income "to be used for the purchase of books for the Social Service Library under the direction of Chief of Social Service." Gift of American Association of Hospital Social Workers.	14.16	1,010.00
SAMUEL CABOT FUND FOR PATHOLOGICAL INVESTIGATION Income for salary of Surgical Pathologist. Gift of Samuel and Dr. Arthur T. Cabot.		10,000.00
CANCER RESEARCH ENDOWMENT FUND For Research in Cancer.		104,000.00
MASSACHUSETTS GENERAL HOSPITAL CHAPEL FUND Gifts of "Friends of the Hospital".	2,604.53	6,913.48
MASSACHUSETTS GENERAL HOSPITAL ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES Income for research work under the direction of Dr. Walter Bauer. Principal may be expended with the approval of Dr. Bauer up to $50,000.		640,846.44
CLINICAL LABORATORY FUND Income for Clinical Laboratory. Bequest of Mrs. Grace M. Kuhn.		10,000.00
Carried forward	$12,495.42	$1,250,222.06

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$12,495.42	$1,250,222.06
CONNECTING BUILDING FUND Income for Connecting Building.		10,000.00
CONVALESCENT HOSPITAL FUND For the Convalescent Hospital	–27,886.39	375,728.01
LORETTA JOY CUMMINS FUND For general purposes of the Hospital, but preferably for the Skin Department.		30,000.00
THE CUSHMAN FUND Income for the Social Service of the Hospital. Gift of Mrs. Charles F. Cushman.	411.10	5,000.00
MIRIAM F. AND ADELINE F. CUTTER FUND "To be used for women in illness especially the aged who have been accustomed to gentle care."	–130.00	10,000.00
CAROLINE ENGSTROM DAHL FUND Income to be used for maintenance of the Research Building; principal expendable within the intent of the bequest at the discretion of the Trustees. Bequest of Mr. Richard Engstrom.		101,170.00
JOHN CALL DALTON AND EDWARD BARRY DALTON FUND Income for investigation in the science of medicine.	9,343.40	35,500.00
CHESTER H. DAVIS FUND Income for "the care, maintenance and medical treatment of crippled and deformed white children between the ages of six months and ten years."		20,000.00
DR. WALTER J. DODD MEMORIAL FUND Income for X-Ray investigation.	3,342.42	31,797.91
THE BESSIE ROCHESTER EDWARDS MEMORIAL FUND Income for the care and treatment of men who have served or are serving in the armed forces of the United States of America. Gifts of Trustees of The Bessie Rochester Edwards Memorial Foundation ..... $55,914.20 Disabled Ex-Servicemen's Exchange, Inc. 10,250.16	2,864.35	66,164.36
EDWARDS MEMORIAL FUND Until such time as the Trustees of the Hospital shall direct otherwise, the income on $100,000 to be used in such manner as said Trustees may deem proper for medical or surgical research. Bequest of Miss Grace M. Edwards ..... 391,447.56 Sundry Bequests 100.00		391,547.56
Carried forward	$440.30	$2,327,129.90

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$440.30	$2,327,129.90
JOHN W. ELLIOT FUND Income for investigation in the science of medicine, preferably in the Surgical Department. The income may be used for other purposes in case there is no further demand in this direction.	$851.86	20,114.22
ISABELLA H. ELLISON FUND Income for the general purposes of the Baker Memorial.		89,753.16
SARAH POTTER EVARTS FUND For psychiatric social work. Gifts of Mrs. Prescott Evarts and Dr. Helen W. Evarts.	298.35	1,398.42
FRANCES FAY AND ARTHUR KELSEY FAY MEMORIAL FUND Income primarily for care and treatment of persons suffering from or threatened with chronic epilepsy in cases requiring special study. Gift and bequest of James H. Fay.	1,779.78	25,000.00
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.	5,140.98	4,393,874.60
GENERAL SURGERY FUND Income to be used for general surgery purposes under the direction of the Chief of General Surgery. Principal expendable in need.	2,753.06	38,286.55
MRS. JOHN CHIPMAN GRAY FUND For the purchase of books in foreign languages for the use of patients.	787.61	1,000.00
ALLAN W. HAMILTON FUND For medical services in the Outpatient Department.		2,027.03
ABIGAIL R. HAZELTINE FUND Income unrestricted until the establishment of a cancer or incurable ward, then to the maintenance of same; principal may be applied toward a building for this purpose. Bequest of Miss Harriet S. Hazeltine.		10,000.00
THE WILLIAM HILTON FUND "To be invested as a separate fund, and called 'The William Hilton Fund,' the income thereof to be applied for the support of free beds or otherwise, as the trustees shall from time to time deem best, for the poor suffering from disease or injuries."		50,053.58
CHARLES W. HOLTZER FUND Income for general research work.		41,666.67
Carried forward	$12,051.94	$7,000,304.13

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$12,051.94	$7,000,304.13
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		4,289,804.12
JAMES MARSH JACKSON MEMORIAL FUND Income for occupational work or for general purposes. Gift through Trustees of the James Marsh Jackson Memorial Fund.		25,797.20
DANIEL FISKE JONES MEMORIAL FUND Income to extend and improve the education of surgical residents and interns.	1,163.34	11,700.00
CATHERINE PEIRCE KELLEY FUND Income for support and maintenance of a Free Bed for Women . . . aiding those who are most in need of aid. Bequest of Miss Grace Fletcher Kelley.		44,000.00
THE JOSEPH P. KENNEDY, JR. LABORATORIES FUND To bring to the Laboratories the best possible Research men with an interest in mental retardation.		500,000.00
MARGERY AMORY KETCHUM MEMORIAL FUND Income only to be spent on Cancer Research u/d of Dr. Joseph C. Aub so long as he is actively connected with the Hospital; thereafter for cancer research at the discretion of the Trustees. Sundry Gifts.	3,354.11	18,724.14
EMMA GILDERSLEEVE LANE FUND For cancer research, "preferring but not requiring that this legacy be kept as capital and only its income used for research in cancer."	920.17	20,000.00
THE MALLINCKRODT FUND Income only to be used for the support of the Mallinckrodt Ward (Ward 4) with limited discretion to the Trustees in case this support is no longer needed.	6,581.66	274,801.25
THE FRANCIS COGSWELL MANNING FUND Income for research work under the direction of Chief of the Medical Service. Bequest of Mrs. Annie F. Selfridge $10,000.00 Sundry Gifts 190.00	1,603.24	10,190.00
THE CAPTAIN MARTELL FUND "The interest to be used for the annual purchase of a book or books for the Warren Library, these books to be seafaring stories with the story of Captain Martell pasted on the inside cover of each one."	68.12	121.36
Carried forward	$25,742.58	$12,195,442.20

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$25,742.58	$12,195,442.20
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING GRADUATE NURSES SCHOLARSHIP FUND Income for Graduate Nurse Scholarships Gift of Miss Annabella McCrae	178.98	500.75
JAMES HOWARD MEANS FUND To be used under the direction of the Chief of Medical Service primarily towards bringing to the Hospital on a pro tempore basis physicians or other prominent persons whose presence will aid and advance the work of the Medical Service.	484.60	25,050.00
JAMES C. MELVIN FUND Subject to certain annuities, income for any purpose of the Corporation, with nonobligatory suggestion for increasing medical knowledge, assisting persons particularly the young who have had hospital treatment, bettering treatment in country districts and co-operating with the Trustees under the Will of James C. Melvin. Bequest of Mrs. Clara M. Melvin.		671,811.13
MEMORIAL FUND TO THE DOCTORS AND NURSES WHO DIED IN THE WAR OF 1917-18 Income for the general purposes of the Hospital, but preferably for free care of patients. Gift of Base Hospital No. 6 Fund through the Ladies' Visiting Committee.		6,189.47
ALBERT G. MITCHELL FREE BED FUND Income for the treatment of cancer with nonobligatory suggestion that use of the bed be given to members of the Department of Music in the Boston Public Schools, or otherwise for the use of the teachers of said schools. Bequest of Albert G. Mitchell $4,055.53 Sundry Gift 25.00		4,080.53
THE MIXTER FUND ". . . the income only to be expended under the direction of Dr. W. Jason Mixter, during his life, and thereafter by the Chief of the Neurosurgical Service." Sundry Gifts.	5,705.74	66,575.55
FORRIS JEWETT MOORE AND EMMA BAKER MOORE FUND Income for Hospital uses for the alleviation of human suffering.		76,143.32
FANNIE EDSON MORRISON FUND "Income . . . for the support of the Social Service Department."		711,320.97
Carried forward	$32,111.90	$13,757,113.92

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$32,111.90	$13,757,113.92
FRANCIS A. NEWELL ENDOWMENT FUND Income to be used "for the most approved method of treating hip disease due to accident in indigent children."	–746.95	50,000.00
NORTH END DIET KITCHEN RESTRICTED FUNDS "Income to provide diet for the sick poor." Sundry Gifts and Bequests.		11,366.78
NORTH END DIET KITCHEN UNRESTRICTED FUNDS "To provide diet for the sick poor." Sundry Gifts and Bequests.		34,716.65
FLORENCE NUTE FUND To be "used on behalf of patients with slender or no means with which to meet Hospital expenses." Bequest of Lewis W. Nute.		68,278.57
DR. ALICE IRENE OUTHOUSE MEMORIAL FUND Income to be used for the purchase of pediatric literature for the Treadwell Library. Sundry Gifts.	49.57	530.00
OUTPATIENT DEPARTMENT FUND Income for needy patients. Bequest of Miss Louie Long.	84.47	3,454.71
EMERETTE O. PATCH FUND For the use of the Baker Memorial.		8,240.84
PATHOLOGICAL LABORATORY AND RANDALL FUNDS Income for Pathological Laboratory. Sundry Gifts and Bequests.		83,875.41
JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND Income for the Phillips House. Bequest of Mrs. Elsa Mason Lord Peabody.	20,720.40	35,265.40
PHILLIPS HOUSE NURSES LOAN FUND Income for loans to Phillips House nurses. Sundry Gifts.	1,882.92	2,190.00
MARY GOVE PITMAN FUND FOR UROLOGICAL RESEARCH Income for investigation— *First*: Of the cause, treatment and prevention of recurrence of urinary stones, and *Second*: Of any other pathological or physiological problems encountered in urological surgery which are deemed worthy of investigation, the decision as to their importance to be made by a Committee appointed by the Trustees of the Hospital.	932.17	21,051.38
Carried forward	$55,034.48	$14,076,083.66

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$55,034.48	$14,076,083.66
NEAL RANTOUL FUND Income for any Hospital purpose. Gift of Neal Rantoul.		100,000.00
JOHN REDMAN FUND Income for any purpose except erection or repairs of buildings.		455,113.34
RESEARCH AND TEACHING FUND Income for research and teaching.		141,475.84
EDWARD PEIRSON RICHARDSON LECTURESHIP IN MEDICAL SCIENCE "The income to be used to provide honoraria for lectures by visiting scientists, preferably in subjects relating to surgery —" Gifts of Dr. Richardson's Sons in Memory of their Father.	4,401.87	15,000.00
JOHN FYFFE RICHARDSON MEMORIAL FUND Income only to be spent by the Trustees on recommendation of the Chief of the Huntington Memorial Laboratories or the senior cancer investigator preferably for leukemia research or related areas of cancer research. 5% of income to be added to principal each year until the fund reaches $400,000.	4,199.34	27,819.11
MAURICE HOWE RICHARDSON FUND Income for surgical research, as recommended by the Chiefs of the General Surgical Staff. Gifts of Dr. Daniel Fiske Jones $25,200.00 Dr. Edward P. Richardson 5,000.00 Mrs. Maurice Howe Richardson 5,000.00 Sundry Gifts 5,200.00	7,269.56	40,400.00
RICHARDSON TUBERCULOSIS FUND "For the prevention or cure of tuberculosis." Bequest of Mrs. Mary Rich Richardson		276,141.63
RUSSELL ROBB MEMORIAL FUND Income for the general purposes of the Hospital.		10,000.00
ELSIE M. ROBBINS SOCIAL SERVICE FUND For social service purposes in the Arthritis Clinic.	492.43	10,871.90
WILLIAM MILTON ROSE, M.D., MEMORIAL FUND Income for the benefit of worthy needy persons.	3,543.59	44,766.46
MARY ELIZABETH SALTONSTALL FUND Income for the Social Service of the Hospital, "preference being given for the help and care of little children". Bequest of Philip L. Saltonstall.		5,000.00
Carried forward	$74,941.27	$15,202,671.94

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$74,941.27	$15,202,671.94
MARTHA A. SARGENT FREE BED FUND Income for Free Beds in the Women's Department. Bequest of William A. Sargent.		1,042,816.18
SCHOOL OF NURSING SCHOLARSHIP FUND For scholarships at the School of Nursing.		3,512.15
THE CHARLES L. SCUDDER FUND Income for the Fracture Service. Bequest of Miss Elizabeth M. Garritt.	6,489.82	30,000.00
GEORGE C. AND ANNE H. SHATTUCK FUND Income for music at the General Hospital annually on Christmas Day and Easter Sunday. Surplus income may be used for music on other days, including radio. Gift of Dr. Frederick C. Shattuck.	561.42	2,000.00
THE TERRY SHUMAN MEMORIAL FUND Income for additions to the Library of the Neurology Department of books on research, periodicals, reports or publications, etc.	55.37	1,070.10
EMMA H. SLADE FUND For any Hospital purpose, but preferably to provide particularly for those in the middle ranks of life who need such care.		10,195.20
SOCIAL SERVICE FUND Income for Social Service.		111,015.15
THE CHARLES CHESLEY SPRINGER FUND "Income for the relief of soldiers, sailors or marines who have been in the military service of the United States and who are residents of Massachusetts, and for the relief of their families. If at any time there should not be any soldiers, sailors, marines or their families requiring such relief, the income may be applied to any of the purposes of the Hospital." Bequest of Miss Mary W. Springer.		345,020.58
STAFF MEMORIAL FUND Income to be expended by direction of the General Executive Committee. Sundry Gifts.	780.73	3,811.00
SURGICAL INSTRUMENT FUND Income for special surgical instruments. Gift of J. Arthur Beebe ..... $5,000.00 Sundry Gifts 1,475.00	1,455.23	6,475.00
GEORGE N. TALBOT FUND Income for Children's Medical Department as directed by Chief of Service. Bequest of George N. Talbot and Gifts of Dr. Fritz B. Talbot.	833.90	9,240.78
Carried forward	$85,117.74	$16,767,828.08

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$85,117.74	$16,767,828.08
MRS. NATHANIEL THAYER FUND Income to be used "preferably for the Social Service Department."		10,000.00
ANNIE A. LONGFELLOW THORP MEMORIAL FUND Income for Warren Library. Sundry Gifts.	2,045.71	3,450.00
TRAINING SCHOOL FOR NURSES FUND Income for Training School for Nurses. Sundry Gifts and Bequests.		40,037.92
TREADWELL LIBRARY FUND Income for the Treadwell Library. Bequest of Dr. J. G. Treadwell $5,000.00 Sundry Gifts and Bequests 2,555.00	716.57	7,555.00
LAWRENCE TUCKER FUND So far as expedient for the treatment and alleviation of venereal diseases, and otherwise for the general purposes of the Hospital.		429,753.01
UROLOGICAL PERIODICALS FUND Income for purchase of urological periodicals for Staff Room of Urological Ward. Gift of Dr. Channing S. Swan.	300.47	1,000.00
FRANCES KNOWLES WARREN FUND Income for the General Purposes of the Hospital; principal available in emergency. Bequest of Mrs. George E. Warren.		30,000.00
WARREN LIBRARY FUND Income for books for patients. Sundry Gifts and Bequest.	1,548.90	5,067.19
DEPENDENCE S. AND WALTER B. WATERMAN FUND "Income to be applied to the care of those who can pay something but not all." Bequest of Walter Bowen Waterman.		134,573.62
GEORGE ROBERT WHITE FUND To be held as a permanent fund to be known as the George Robert White Fund, the income only to be used first for the maintenance and equipment of the George Robert White Memorial building and second for the general purposes of the Hospital. Bequest of Mrs. Harriet J. Bradbury		3,110,653.77
Carried forward	$89,729.39	$20,539,918.59

GENERAL HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$89,729.39	$20,539,918.59
GEORGE ROBERT WHITE FUND "Income for development or maintenance of a department for treatment of diseases of the skin." Bequest of George Robert White		100,000.00
DR. JAMES C. WHITE NEUROSURGICAL FUND Income to be added to principal until the fund reaches $5,000; thereafter 50% shall be added until the fund reaches $10,000; and thereafter 25% to $50,000. Income not so added to principal to be used in the interest and promotion of neurosurgery under the direction of Dr. James C. White.		794.74
GEORGE WIGGLESWORTH FUND Ten per cent of gross income in each year to be added to principal; net income remaining for the general purposes of the Corporation.		56,576.76
WOODEN LEG FUND Income for wooden legs and other devices for diseased and injured legs. Bequest of Nathaniel I. Bowditch $5,000.00 Sundry Gifts 2,600.00	1,534.42	7,600.00
TEMPORARY FUNDS Special Purposes Endowment Income Undistributed to Funds	2,046,500.72 217,545.83	
TOTAL GENERAL HOSPITAL FUNDS	$2,355,310.36	$20,704,890.09

BUILDING FUNDS

GENERAL BUILDING FUND For any construction.		102,964.21
AMBULATORY CLINIC BUILDING FUND		403,631.44
150TH ANNIVERSARY FUNDS		101,633.27
ORTHOPEDIC RESEARCH LABORATORY FUND		214,684.11
SUNDRY FUNDS		157,031.00
TOTAL BUILDING FUNDS		$979,944.03

McLEAN HOSPITAL FUNDS

EDWARD STANLEY ABBOT MEMORIAL FUND For scientific investigation at McLean Hospital.	$513.26	$ 10,000.00
AMUSEMENT, ENTERTAINMENT OR OCCUPATION FUND Income for amusement, entertainment or occupation of patients. Sundry Gifts and Bequests.		$ 21,135.00
Carried forward	$513.26	$ 31,135.00

McLEAN HOSPITAL FUNDS (Continued)

	Income	Principal
Brought forward	$513.26	$ 31,135.00
WENTWORTH HIGGINSON BARNEY FUND Income to be spent at the discretion of the Director. Gift of Dr. J. Dellinger Barney. $1,500.00 Income added 258.65		2,049.35
EMILY H. BOURNE FUND Income for the training of nurses in mental nursing and to aid in the prevention and cure of deafness.		10,000.00
CLINICAL RESEARCH FUND Income for research. Sundry Gifts and Bequests.		86,081.31
THE ISOBEL COLLINS SPECIAL FUND FOR THE LIBRARY OF McLEAN HOSPITAL Income for the purchase of books, music, and other things appropriate to the building up of a musical alcove for the library. Gift of Frank W. Kimball.		1,075.90
COWLES-TUTTLE MEMORIAL ART FUND Income for Art Room.	$1,405.36	5,000.00
SAMUEL ELIOT MEMORIAL CHAPEL FUND For maintenance and operation of Chapel.		10,904.84
FREE BED FUNDS Income for Free Beds. Sundry Gifts and Bequests.		354,937.45
GENERAL FUND For any Hospital purpose.		–158,991.89
INCOME UNRESTRICTED FUNDS Income for any Hospital purpose. Sundry Gifts and Bequests.		171,205.24
ANNABELLA McCRAE SCHOLARSHIP FUND Income for Scholarships for the School of Nursing	1,342.95	4,127.20
WETHERILL FUND The income only to be used for the Wetherill Awards to graduates of the McLean Hospital School of Nursing. Gift of Dr. E. Stanley Abbott.		2,000.00
MARY JESSIE WILLIS MEMORIAL FUND To establish a free bed in memory of Mary Jessie Willis, to furnish luxuries, comforts and amusements to such insane women patients as may be unable to provide the same for themselves, and generally for the uses of the Hospital. Bequest of Mrs. Frances H. Willis.		24,283.63
BUILDING FUND		30,000.00
TEMPORARY FUNDS		
Special Purposes	214,738.59	
Endowment Income Undistributed to Funds	9,258.56	
TOTAL McLEAN HOSPITAL FUNDS	$227,258.72	$573,808.03

FIDUCIARY FUNDS

	Income	Principal
BOWDITCH HISTORY FUND ..... For the publication of a history of the Hospital. Bequest of N. I. Bowditch.		$ 2,000.00
BETTY DUMAINE FUND ..... To be held until accumulated income plus additions reach $100,000, then one-half of income to be added to principal and balance used for such Hospital purposes as Trustees deem best.		3,022.31
EYEGLASS FUND ..... Income payable to a life interest. Bequest of Frances A. Burnham.		2,282.00
FOSTER FAMILY FUND ..... "Income to be used to pay the hospital bills of patients nominated by the donor or his wife. After their decease the power of nomination shall descend in succession to their oldest child living, then grandchild. Thereafter, or in case the line of descent shall cease, the income shall be for the unrestricted uses of the Hospital." Gift of C. H. W. Foster.	$ 5,337.62	15,000.00
MABEL HOVEY HARRIS MEMORIAL FUND "In Memory of Mrs. Henry W. Harris" Income to be used at the discretion of the Ladies' Visiting Committee for the benefit of the Hospital and its patients. Gift of Mr. and Mrs. Edwin S. Webster.		5,375.00
CHESTER MORSE JONES HOUSE STAFF EDUCATIONAL FUND ..... Income to be added to principal until fund reaches $40,000.		34,769.86
SARAH PROCTOR JOSLIN FUND ..... Income to be expended by the Ladies' Visiting Committee for books and other articles.		1,000.00
MARION LEE LAWRENCE MEMORIAL FUND Income to be administered by the Ladies' Visiting Committee, or by any subcommittee duly authorized by them, for the benefit of the Hospital and its patients. "Given by Her Family and Friends."		10,943.00
FANNIE NEWELL SIMES FUND ..... Income payable to a life interest. Gift of Miss Olive Simes.		20,000.00
MASSACHUSETTS GENERAL HOSPITAL SCHOOL OF NURSING ENDOWMENT FUND ..... Income to be used as directed by vote of the Committee created under the Deed of Gift.		256,014.44
Carried forward	$5,337.62	$350,406.61

FIDUCIARY FUNDS (Continued)

	Income	Principal
Brought forward	$5,337.62	$350,406.61
ANNIE NORTON WARD FUND For charitable purposes connected with the Hospital pursuant to the vote of the Ladies' Visiting Committee.		1,000.00
WARREN PRIZE FUND Income for a triennial prize. Bequest of Dr. J. Mason Warren.	846.02	11,889.84
KATHARYN HOYT WATSON FUND For use of the Ladies' Visiting Committee.		1,000.00
Suspense and Special Funds		13,303.23
TOTAL FIDUCIARY FUNDS	$6,183.64	$377,599.68

SUMMARY

Principal Funds	$23,089,395.84
Temporary Funds	2,588,752.72
Funds Invested in Plant	20,985,591.68
Director's Accounts	3,832,864.69
	$50,496,604.93
Gain	176,151.48
Funds	$50,672,756.41

Examination of Accounts

January 21, 1960

To the Trustees
The Massachusetts General Hospital
45 Milk Street
Boston, Massachusetts

Sirs:

We have examined the balance sheet of The Massachusetts General Hospital as at September 30, 1959 and the related income statements of the General Hospital and McLean Hospital for the period ended September 27, 1959 (52 weeks). Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

The accompanying statements reflect a provision for depreciation in the amount of $809,672.46, based on a percentage of the patient care expenses of the General Hospital. This provision has been recorded in accordance with requirements of statutory authority pertaining to per diem reimbursement for hospital services rendered under contract with certain third party agencies. We are unable to render an opinion as to the adequacy of the provision for depreciation in relation to plant costs.

Under the terms of pension plans adopted by the hospital, the hospital's portion of benefits payable to employees compensated from general operating funds of the hospital will be charged against operations as such benefits are paid. No provision has been made in the accompanying financial statements for the amount of the hospital's liability at September 30, 1959, for service benefits accruing to employees paid from general operating funds.

Subject to the exceptions noted above, in our opinion, the accompanying balance sheet and related income statements, with their supporting exhibits, present fairly the financial position of The Massachusetts General Hospital at September 30, 1959 and the results of its operations for the period ended at September 27, 1959 (52 weeks) in conformity with generally accepted accounting principles applied on a basis consistent with that of the preceding period.

We have made a test check of the charges to income funds for special purposes for the year ended September 30, 1959 (including income arising from principal funds), in respect of the General Hospital and McLean Hospital funds. Based upon such examination and our review of internal control maintained in relation to funds, it is our opinion that charges made against the above-mentioned funds were properly chargeable thereto.

Patterson, Teele & Dennis

GIFTS AND BEQUESTS 1958-59

GENERAL FUND

FOR ANY HOSPITAL PURPOSE

Bequests of		
Mr. Philip D. Armour	$ 10,000.00	
Dr. Franklin G. Balch	5,000.00	
Mrs. Louisa A. Beal	120,551.05	
Mr. Lawrence Beebe	3,140.07	
Miss Ellen T. Bullard	227,184.45	
Mr. Clarence Croll	1,267.23	
Mrs. Marion Raymond Gunn	475,887.29	
Mr. Samuel C. Howes	1,600.00	
Miss Mertie N. Kinney	2,655.00	
Mr. William Levine	200.00	
Mrs. Edith Sherman Morss	3,000.00	
Mr. David Nevins	386.00	
Mr. Walter J. Noonan	5,848.14	
Trustees u/w of G. Gorham Peters	7,500.00	
Dr. William T. Salter	8.75	
Mrs. Bessie E. Shearer	300,000.00	
Mr. Samuel Steinberg	500.00	
Miss Elizabeth Townsend	18,000.00	
Mr. James Lyman Whitney	9,082.37	
Mrs. Madge Wilkes	2,393.06	
Mrs. Sylvia A. H. G. Wilks	26.73	$1,194,230.14
Gifts of		
Frank W. and Carl S. Adams Memorial Fund	$ 2,000.00	
The Lassor and Fanny Agoos Charity Fund	250.00	
Mr. Murray Albertson	50.00	
Mrs. Frank G. Allen	100.00	
Ambrook Foundation, Inc.	5,000.00	
Mr. John S. Ames	5,171.56	
2 Anonymous Donors	9,590.00	
Mrs. Vincent R. Bailey	100.00	
Bay State Abrasive Products Co.	500.00	
Mr. Russell Berg	20.00	
Dr. H. I. Bixby	100.00	
Mr. and Mrs. Arthur F. Blackman	40.00	
Mr. Claude R. Branch	25.00	
In Memory of Mr. Charles Brewer	5.00	
Mrs. John M. Bullard	600.00	
In Memory of Rosamond Eliot Burnham	15.00	
Dr. Clarence Edward Burt	5.00	
Mrs. Thomas B. Card	499.13	
Mr. Philip P. Chase	23.35	
Dr. F. S. Cheever	30.00	
Mrs. Wiliam H. Claflin	1,000.00	
Colonial Management Associates	548.50	
Mr. Leonard W. Cronkhite	120.75	
In Memory of Dr. Laurence F. Cusick	10.00	
Pool	50.00	
Deering Foundation	1,200.00	
Dickie-Raymond Mailing Service Christmas		
In Memory of Mrs. M. J. Dienes	10.00	
Carried forward	$27,063.29	$1,194,230.14

Brought forward	$27,063.29	$1,194,230.14
In Memory of Dr. Charles H. DuToit	1,033.00	
In Memory of Mr. and Mrs. William Emerson	100.00	
Mrs. Harris Fahnestock, Jr.	88.50	
Mr. Kellogg Fairbank	50.00	
Mr. Donald B. Fleming	231.38	
Miss Marion Fox	301.50	
Mrs. E. V. Frothingham	25.00	
Mr. Felton L. Gibbons	50.00	
Mrs. George H. Gifford	5.00	
Mr. and Mrs. John L. Grandin, Jr.	148.44	
Grosberg Family Charity Fund, Inc.	100.00	
Mr. and Mrs. Joseph G. Grossman	100.00	
In Memory of Mr. Melville F. Heath	5.00	
Dr. John F. Hogan	25.00	
In Memory of Dr. George W. Holmes	15.00	
Mr. and Mrs. Reginald Jenney	200.00	
Mrs. Reginald Jenney	500.00	
Mr. and Mrs. Henry A. Laughlin	100.00	
Mrs. George Albert Lewis	100.00	
In Memory of Miss Marjorie C. Loring	250.00	
The Lowenthal Fund, Inc.	100.00	
Mrs. Kate F. Merle-Smith	10.00	
In Memory of Dr. George Moore	10.00	
In Memory of Mr. Ford Naugler	5.00	
In Memoy of Mr. Richard Bowdoin Neiley	680.00	
Mr. Henry G. Nichols	25.00	
Mr. R. Owen	5.00	
Mr. Harry Ruskin	5.00	
In Memory of Mr. Jacob Springer	10.00	
Nathaniel and Elizabeth P. Stevens Foundation	25,000.00	
Mr. and Mrs. Gilbert L. Steward	509.44	
Mr. E. Kent Swift	597.50	
In Memory of Dr. W. T. S. Thorndike	10.00	
In Memory of Mr. Ralph E. Tobey	10.00	
William Underwood Co.	150.00	
Mr. Augustus H. Vogel	10.00	
In Memory of Mr. Max Waldman	2.00	
Weld Foundation	2,900.00	
Mrs. Henry Wheeler	1,151.25	
Mr. Howard Whitcomb	100.00	
In Memory of Dr. LeMoyne White	50.00	
Mrs. A. C. Wilson	20.00	
In Memory of Mr. Andrew B. Wiswell	10.00	
Mr. John G. Wolbach	400.00	62,261.30
		$1,256,491.44

150TH ANNIVERSARY FUNDS

Gifts of Sundry Donors	$225,901.89
Carried forward	$1,482,393.33

GENERAL HOSPITAL FUNDS

Fund No.			
	Carried forward		$1,482,393.33
1015	PHILIP R. AND ANNE K. ALLEN ENDOWMENT FUND		
	Gift of Anne and Philip Allen Trust		$13,435.00
1070	JOSEPH C. AUB FUND		
	Gifts:		
	Mrs. Henry C. Berlin	300.00	
	In Memory of Jacob M. Freeman	3.00	
	In Memory of Doris Wolfe	94.00	
	Mr. Sheppard Wolfe	15.00	412.00
1120	LILLIAN DOBIE BALBONI MEMORIAL FUND		
	Bequest of Alfred Scaramelli	$ 281.82	
	Gifts of:		
	Mr. and Mrs. Albert Balboni	50.00	
	Dr. Gerardo Balboni	100.00	
	Dr. Victor G. Balboni	25.00	
	Angelico L. Gianquinto	10.00	
	Mrs. Charles L. Knight	25.00	
	Mr. and Mrs. Frank Liberatore	40.00	531.82
1290	MGH ENDOWMENT FUND FOR THE STUDY OF CHRONIC DISEASES		
	Gifts of:		
	Mr. and Mrs. Richard J. Comer	$ 100.00	
	Miss Mary G. Haines	500.00	
	In Memory of Mrs. Ray E. Hoffman	5.00	
	Mrs. Henry M. Sage	3,017.25	
	William E. Schrafft and Bertha E. Schrafft Charitable Trust	11,500.00	
	Mr. and Mrs. Richard P. Towne	1,000.00	
	In Memory of Mr. Fred D. Warren	10.00	
	The Wolfson Family Foundation, Inc.	5,000.00	21,132.25
1335	THE LORETTA JOY CUMMINS FUND		
	Bequest of Loretta Joy Cummins		30,000.00
1410	DR. WALTER JAMES DODD MEMORIAL FUND		
	Gift of Anonymous		50.00
1580	GENERAL SURGERY FUND		
	Gifts of:		
	The Bedford Fund, Inc.	$5.000.00	
	Mr. Herman Lipmann	10.00	
	Mr. James Welansky	200.00	5,210.00
1710	INCOME UNRESTRICTED FUNDS		
	Samuel Appleton Fund		
	Bequest of Miss Maude E. Appleton	$57,575.46	
	The Frank E. Beckwith Fund		
	Bequest of J. Murray Baker	14,915.04	
	James W. Henry Fund		
	Bequest of Mr. James W. Henry	102.33	
	Brought forward	$72,592.83	$1,553,184.40

	Brought forward	$72,592.83	$1,553,184.40
	The Louis and Mary Klous Fund Bequest of Mr. Maurice H. Klous	7,589.50	
	Freeborn Fairfield Raymond, II and Mary Porter Raymond Memorial Fund Bequest of Marion Raymond Gunn	50,000.00	130,182.33
1770	DANIEL FISKE JONES MEMORIAL FUND Gift of Mrs. J. Vaughan Merrick		50.00
1795	THE JOSEPH P. KENNEDY, JR. LABORATORIES FUND Gift of The Joseph P. Kennedy, Jr. Foundation		500,000.00
1800	MARGERY AMORY KETCHUM MEMORIAL FUND Gifts of:		
	Anonymous	$ 1,190.50	
	Mrs. Charles Weston	10.00	1,200.50
1820	MALLINKRODT — WARD FOUR FUND Gift of Mr. Edward Mallinckrodt, Jr.		40,293.75
1870	JAMES HOWARD MEANS FUND Gifts of:		
	Dr. Edwin M. Cole	$ 25.00	
	Dr. Linn Fenimore Cooper	5,000.00	
	Dr. Lewis K. Dahl	25.00	
	Dr. Briant L. Decker	25.00	
	Dr. Dana L. Farnsworth	200.00	
	Dr. James L. Gamble	750.00	
	Mr. and Mrs. Francis C. Gray	100.00	
	Dr. Arthur Andrews Holbrook	50.00	
	Mr. Phillips Ketchum	600.00	
	Dr. William G. Lennox	50.00	
	Dr. Alfred L. Loomis	500.00	
	Mr. Edward Mallinckrodt, Jr.	11,031.76	
	Dr. J. Wister Meigs	100.00	
	Dr. Preston K. Munter	20.00	
	Dr. John J. Sampson	25.00	
	Dr. Bengt Skanse	50.00	18,551.76
1950	THE MIXTER FUND Bequest of Dr. William Jason Mixter	$10,000.00	
	Gifts of:		
	Anonymous	$ 535.00	
	Dr. and Mrs. H. T. Ballantine, Jr.	50.00	
	Mrs. Fay Dabney	25.00	
	Mrs. Robert Daley	50.00	
	Mrs. Jerome Eisenberg	10.00	
	Mr. A. N. Murray	100.00	
	Dr. Gerhard Nellhaus	30.00	
	Mrs. Mixter Partridge	100.00	
	Mr. Henry E. Salzhauer	15.00	
	Miss Sallea Unger	30.00	
	In Memory of Miss Elizabeth K. Webber	35.00	10,980.00
	Carried forward		$2,254,422.74

	Brought forward		$2,254,422.74
2130	OUT-PATIENT DEPARTMENT FUND		
	Gifts in Memory of Mrs. Sabina Brogna		26.00
2180	JACOB C. R. PEABODY AND ELSA MASON LORD PEABODY MEMORIAL FUND		
	Gift of Mr. Samuel S. Steinberg		100.00
2350	ELSIE M. ROBBINS SOCIAL SERVICE FUND		
	Gift of Dr. Richard B. Pippitt		50.00
2440	TERRY SHUMAN MEMORIAL FUND		
	Mrs. Max McElwee	$ 5.00	
	Mrs. Terry Shuman	25.00	30.00
2510	STAFF MEMORIAL FUND		
	Gift in Memory of Dr. Benjamin H. Ragle		100.00
2750	GEORGE ROBERT WHITE FUND		
	Bequest of Mrs. Harriet J. Bradbury		21,504.85
2815	UNRESTRICTED FREE BED FUNDS		
	Rudolph Weld Memorial Free Bed Fund		
	Gift of Mrs. Rudolph Weld		200.00
2910	CONVALESCENT HOSPITAL FUND		
	Gifts:		
	In Memory of Mr. Theodore O. Nicholson	$ 15.00	
	Trustees u/w Mrs. Helen O. Storrow	3,150.00	3,165.00
			$2,279,598.59

BUILDING FUNDS

AMBULATORY CLINIC BUILDING FUND

Gifts of		
The Lassor and Fanny Agoos Charity Fund	$ 250.00	
Mrs. Charles Almy	100.00	
Mrs. Philip D. Armour	500.00	
3 Anonymous Gifts	21,337.50	
Mrs. Nona D. Babson	100.00	
Rt. Rev. Robert P. Barry	100.00	
Mrs. Taylor Black	100.00	
John W. Boynton Fund	500.00	
Mr. Thomas A. Crimmins	100.00	
Mr. and Mrs. Earl H. Eacher	281.88	
First National Stores, Inc.	1,000.00	
Mr. Francis W. Hatch	100.00	
Mr. Harold D. Hodgkinson	102.75	
Mrs. Charles P. Howard	100.00	
Mrs. John H. Johnson	100.00	
Kidder, Peabody & Co.	500.00	
Mr. and Mrs. Wheaton Kittredge	100.00	
Mr. and Mrs. Stanley H. Lawton	500.00	
Carried forward	$25,872.13	$2,279,598.59

Carried forward	$25,872.13	$2,279,598.59
Agnes M. Lindsay Trust	10,000.00	
Mr. Robert W. Maynard	100.00	
George W. Mitton Memorial Foundation	500.00	
Mrs. John P. Monks	3,000.00	
Mr. Chauncey C. Nash	100.00	
Mrs. Charles A. Nason	100.00	
Mrs. Adnah Neyhart	300.00	
Thomas D. O'Connor Family Charity Fund	500.00	
Mr. and Mrs. Jacob Rabinovitz	100.00	
Dr. and Mrs. Grant V. Rodkey	300.00	
Senator and Mrs. Leverett Saltonstall	150.00	
Mr. W. K. Shaw, Jr.	100.00	
Suffolk Grocery Co., Inc.	100.00	
Dr. and Mrs. Augustus Thorndike	133.00	
Mrs. Walter P. Tobey	100.00	
Mr. Samuel J. Tomasello	100.00	
Miss Grace W. Treadwell	100.00	
201 Donations of under $100.00	2,313.25	$43,968.38
CHILDREN'S UNIT, BURNHAM SEVEN		
In Memory of Fred Lee Lamb	$ 25.00	
Marion S. Potter Charitable Trust	25,000.00	$25,025.00
GENERAL BUILDING FUND		
Mrs. Charles F. Adams	$ 500.00	
Miss Clara A. Adams	100.00	
Mr. John Adams	100.00	
Mrs. J. Thayer Addison	100.00	
Mrs. William T. Aldrich	100.00	
Mr. Stephen G. Allen	500.00	
Mr. Robert Amory, Jr.	100.00	
Anonymous (7 gifts)	24,181.02	
Ayers-Hagam-Booth, Inc.	100.00	
The Bailey Foundation	100.00	
Mrs. Bart W. Baird	100.00	
Dr. and Mrs. Marshall K. Bartlett	100.00	
Mrs. Arthur W. Bell	200.00	
Mr. Alan C. Bemis	100.00	
Mrs. W. R. Blair, Jr.	100.00	
Mr. and Mrs. B. S. Blake	100.00	
The Blanchard Foundation	2,000.00	
The Blanchard Machine Co.	100.00	
Mr. and Mrs. Henry M. Bliss	1,054.13	
Mrs. Campbell Bosson	100.00	
The Boston Globe	100.00	
Boston Insulated Wire & Cable Co.	250.00	
Boston Linotype Print, Inc.	100.00	
Mr. Herbert F. Boynton	110.00	
Mr. and Mrs. Sargent Bradlee	100.00	
Brandegee Charitable Foundation	200.00	
Mr. and Mrs. John D. Brewer, Jr.	100.00	
Brought forward	$30,795.15	$2,348,591.97

Brought forward	$30,795.15	$2,348,591.97
Nathan and Eva Brezner Charitable Foundation	100.00	
Mr. Alexander H. Bright	100.00	
Brockway-Smith-Haigh-Lovell Co.	100.00	
Mrs. Francis Brooks	200.00	
Brown Counter Company	100.00	
Miss Dorothy A. Brown	100.00	
Mr. and Mrs George R. Brown	100.00	
Buck Printing Co.	250.00	
Miss Ellen T. Bullard	200.00	
Mrs. Henry G. Byng	150.00	
Mrs. Henry B. Cabot	100.00	
Mr. John M. Cabot	100.00	
Dr. and Mrs. Bradford Cannon	100.00	
Mr. and Mrs. Daniel N. Carr	100.00	
Mr. and Mrs. Houghton Carr	200.00	
John Chany Fund	100.00	
Mr. and Mrs. E. Barton Chapin	200.00	
Mr. Alfred E. Chase	100.00	
Miss Alice P. Chase	100.00	
Frederic C. Church Foundation	500.00	
Mrs. Harriot F. Clark	100.00	
Mr. and Mrs. Nathaniel T. Clark	100.00	
Mrs. Edith Whitehill Clowes	100.00	
Mrs. Jane B. Cochran	100.00	
Mrs. Ledyard Cogswell, Jr.	100.00	
Mrs. John D. Constable	500.00	
Mr. and Mrs. Charles E. Cotting	200.00	
Mr. and Mrs. Gardner Cox	150.00	
Mr. and Mrs. William C. Cox	150.00	
Dr. John D. Crawford	300.00	
Mr. and Mrs. John T. Croghan	100.00	
Mrs. Alan Cunningham	100.00	
Howard G. and Mary A. Cushing Charitable Trust	100.00	
Fred L. Daggett Charitable Trust	300.00	
Mr. C. Coburn Darling	100.00	
Mr. John W. Davies	500.00	
Davies, Rose & Company, Limited	500.00	
Dr. and Mrs. Briant L. Decker	100.00	
Dickie-Raymond, Inc.	1,000.00	
Miss Margaret Dowse	100.00	
Miss Louise I. Doyle	500.00	
Mr. Robert B. Dresser	100.00	
Dr. Richard W. Dwight	100.00	
The Eastern Charitable Foundation	150.00	
Mr. J. Wells Farley	500.00	
Mr. William Ferguson	1,028.50	
Mr. Cyrus Y. Ferris	500.00	
Mrs. Gardiner H. Fiske	1,000.00	
Mr. William J. Fitzgerald	250.00	
Mr. Frederick C. Fletcher	100.00	
Mr. and Mrs. Joseph G. Flynn	100.00	
Mr. Alexander C. Forbes	100.00	
Carried forward	$42,923.65	$2,348,591.97

Brought forward	$42,923.65	$2,348,591.97
Mr. and Mrs. Alexander Forbes	100.00	
M. B. Foster Electric Co.	100.00	
Mrs. William Tudor Gardiner	100.00	
Mr. and Mrs. G. Peabody Gardner	250.00	
Mr. Hollis T. Gleason	100.00	
Mr. and Mrs. Frederic Gooding	100.00	
Mrs. Frederic S. Goodwin	200.00	
Messrs. Barnett D. and Malcolm Gordon	100.00	
William Caspar Graustein Memorial Fund	350.00	
Mr. Reginald Gray	500.00	
Mrs. Richard Grozier	100.00	
Mr. Henry S. Hall, Jr.	500.00	
Mr. and Mrs. John L. Hall	100.00	
Mr. and Mrs. Louis H. Hamel	200.00	
Mr. Norman Harrower	100.00	
Mr. Robert T. Hay	100.00	
Mr. and Mrs. B. Howard Henderson	100.00	
Mr. Percy V. Hill	100.00	
Mrs. Frederick W. Hilles	100.00	
Mr. and Mrs. Harry P. Hood, Jr.	100.00	
Mr. and Mrs. Harvey P. Hood	1,000.00	
Mr. and Mrs. Roger F. Hooper	100.00	
The Hopedale Foundation	2,500.00	
Mr. and Mrs. Ralph Hornblower	100.00	
Mr. and Mrs. Franklin P. Horton	100.00	
Mr. and Mrs. John S. Howe	100.00	
Mrs. Susan B. Howes	100.00	
Mr. and Mrs. David H. Howie	100.00	
Mrs. Llewellyn Howland	1,000.00	
Mr. Arnold W. Hunnewell	975.00	
Mr. Francis W. Hunnewell	600.00	
Miss Louisa Hunnewell	2,000.00	
Mr. G. Newell Hurd	100.00	
International Equipment Co.	250.00	
Mr. Kenneth L. Isaacs	100.00	
Mrs. Charles Jackson	100.00	
Mrs. James Jackson, Jr.	100.00	
Jeppson Memorial Fund	200.00	
Mr. T. E. Jewell	100.00	
Mr. W. T. Kemble	100.00	
Mr. Arthur W. Kimbell	150.00	
Mr. and Mrs. Gilbert King	100.00	
Mr. and Mrs. Henry P. King	100.00	
The A. D. L. Foundation	500.00	
Mrs. James Lawrence, Jr.	150.00	
Mr. and Mrs. John S. Lawrence	100.00	
Mrs. Gertrude C. Lee	100.00	
Mr. and Mrs. A. Leeds	110.25	
Mrs. Theodore W. Little	100.00	
Mr. William B. Long	250.00	
Mrs. J. H. Love	100.00	
Mr. Joseph A. Lowe	500.00	
Mr. and Mrs. Ralph Lowell	1,000.00	
Carried forward	$59,308.90	$2,348,591.97

Brought forward	$59,308.90	$2,348,591.97
Mr. Arthur T. Lyman	100.00	
Mrs. Charles B. Manning	100.00	
Massachusetts Indemnity and Life Insurance Co.	100.00	
Mr. Philip R. Mather	1,000.00	
Mrs. George P. McNear	2,500.00	
Mr. and Mrs. Augustus G. Means	250.00	
Meigs Associates	300.00	
Merrimac Charitable Trust	100.00	
Dr. and Mrs. Robert T. Miller, Jr.	100.00	
Mr. and Mrs. Henry W. Minot	100.00	
Mr. and Mrs. James J. Minot	100.00	
Mrs. Donald Moffat	100.00	
Mr. Hector E. Moineau	100.00	
Mr. and Mrs. John A. Moir	100.00	
Mr. Robert L. Moore	100.00	
Morgan-Worcester, Inc.	500.00	
Mr. Walter C. Morrill	100.00	
Mr. and Mrs. Sherman Morss	150.00	
Mr. B. P. P. Moseley	100.00	
Mr. E. P. Motley	100.00	
Mr. and Mrs. J. Lothrop Motley	971.25	
Mrs. Thomas Motley	100.00	
Mr. Warren Motley	100.00	
Mr. and Mrs. George S. Mumford	100.00	
New England Electrotype Co.	420.00	
Northern Steel, Inc.	100.00	
Mr. George Olmsted, Jr.	200.00	
Mr. Gordon Osborne	250.00	
Mrs. John B. Paine	800.00	
Mr. and Mrs. Stephen Paine	500.00	
Mrs. A. H. Parker	100.00	
Mrs. William A. Parker	1,000.00	
Miss Elizabeth R. Peabody	100.00	
Penn Metal Co., Inc.	250.00	
Mr. and Mrs. Malcolm D. Perkins	100.00	
Mr. and Mrs. Thomas N. Perkins	100.00	
Mrs. Arthur Perry, Jr.	500.00	
Mr. H. G. Perry	500.00	
Mrs. Sherman Perry	100.00	
Mrs. Charles Howard Pettit	1,000.00	
Mr. Sanford F. Petts	300.00	
Dr. and Mrs. Philip Phillips	1,477.00	
Mr. and Mrs. Dudley L. Pickman	100.00	
Mr. and Mrs. Richard Pigeon	100.00	
Mr. and Mrs. Arthur K. Pope	100.00	
Mr. H. Glen Powning, Jr.	100.00	
Mr. Frederick S. Pratt	200.00	
Mr. and Mrs. Morton P. Prince	100.00	
Mrs. Lewis I. Prouty	500.00	
Raffi and Swanson, Inc.	100.00	
Reed and Barton Foundation, Inc.	1,000.00	
Mr. and Mrs. Horace F. Reynolds	100.00	
Carried forward	$76,877.15	$2,348,591.97

Brought forward	$76,877.15	$2,348,591.97
Mr. James R. Reynolds	100.00	
Mr. J. Preston Rice	394.25	
Mr. Elliot L. Richardson	500.00	
Dr. and Mrs. George S. Richardson	100.00	
Mr. and Mrs. Joseph P. Richardson	100.00	
Miss Mabel Louise Riley	1,000.00	
Mr. and Mrs. Dwight P. Robinson, Jr.	100.00	
Mr. Fred N. Robinson	250.00	
Mr. and Mrs. Irving E. Rogers	100.00	
Mr. Henry J. Sargent	125.00	
Mr. and Mrs. Carl N. Schmalz	100.00	
Miss Evelyn Sears	100.00	
Dr. George C. Shattuck	500.00	
Mr. and Mrs. Winthrop L. Sheedy	100.00	
Mr. Thomas H. Shepard	119.50	
Mr. Henry R. Shepley	1,000.00	
Sheraton Foundation, Inc.	100.00	
Mr. Eliot B. Shoolman	100.00	
Mr. and Mrs. Richard W. Simmers	250.00	
Professor and Mrs. Sumner H. Slichter	100.00	
Captain X. Martin Smith, U.S.N.R.	100.00	
Mr. John R. Snider	100.00	
Mrs. William B. Snow	100.00	
Mr. William D. Sohier	1,000.00	
Mr. Joseph P. Spang, Jr.	261.88	
Mr. John F. Spence	100.00	
Sprague Electric Company Foundation	2,500.00	
Mr. and Mrs. Robert C. Sprague	1,000.00	
Mrs. Arthur B. Stanley	100.00	
Mr. Robert H. Stevenson	500.00	
Mrs. Philip Stockton	523.13	
Mr. and Mrs. Robert G. Stone	1,000.00	
Stowe-Woodward, Inc.	100.00	
Mr. and Mrs. John O. Stubbs	300.00	
Mrs. George H. Swift	1,000.00	
Mrs. John Sylvester	987.81	
Mr. and Mrs. William Davis Taylor	100.00	
Mr. and Mrs. Thomas C. Thacher	100.00	
Mr. and Mrs. P. H. Theopold	100.00	
Mr. John E. Toulmin	250.00	
The Tredennick-Billings Co.	100.00	
Dr. Howard Ulfelder	200.00	
United Merchants Foundation, Inc.	250.00	
United States Public Health Service Division of Research Grants	35,318.00	
Dr. Beth Vincent	300.00	
Mr. Edgar Ward	100.00	
Dr. and Mrs. John L. Ward	140.00	
Mr. Donald Warren	100.00	
Mr. Howland S. Warren	150.00	
Mr. J. Wasserman	100.00	
Mrs. Walter W. Weld	100.00	
Carried forward	$129,196.72	$2,348,591.97

Brought forward	$129,196.72	$2,348,591.97
Mr. John M. Wells	1,027.69	
Mr. B. F. Whalen	100.00	
Mr. William P. Wharton	100.00	
White, Weld & Co.	250.00	
Mr. Charles H. Whitney	100.00	
Mr. and Mrs. Theodore T. Whitney	100.00	
Mr. and Mrs. Robert G. Wiese	100.00	
Mr. and Mrs. Thomas B. Williams	100.00	
Mr. and Mrs. Ben L. Wilson	100.00	
Mr. and Mrs. Charles C. Winn	100.00	
Mrs. Frederick Winsor	1,500.00	
Mr. John N. Worcester	100.00	
Mr. George L. Wrenn, II	100.00	
2,682 Sundry Donors under $100.00	34,529.81	$167,504.22

HEMATOLOGY LABORATORY

Grant of:

U. S. Public Health Service		$ 35,627.00

ORTHOPEDIC RESEARCH BUILDING FUND

Gifts of:

Anonymous	$ 3,061.13	
Dr. and Mrs. Otto E. Aufranc	500.00	
Dr. Joseph S. Barr	1,000.00	
Dr. Robert B. Brendze	166.67	
Dr. Edwin F. Cave	500.00	
Mr. Morris Clements	150.00	
Dr. Williams Cochran	100.00	
Easter Seal Research Foundation	15,000.00	
Dr. William N. Jones	175.00	
Dr. Robert J. Joplin	500.00	
Mr. Henry A. Laughlin	200.00	
Liberty Mutual Insurance Co.	12,500.00	
Dr. William R. MacAusland, Jr.	200.00	
Dr. Morten Smith-Petersen	150.00	
United States Public Health Service	88,370.00	
10 Gifts under $100.00	235.00	$122,807.80

ARMIN KLEIN MEMORIAL FUND

Mr. Z. P. Abuza	$ 100.00	
Allied Container Corporation	100.00	
Anonymous	100.00	
Mr. James J. Axelrod	100.00	
Dr. D. C. Finn	500.00	
Mr. and Mrs. Harry Freedman	100.00	
Mr. and Mrs. Samuel Barron, Jr.	250.00	
Mr. Abram Berkowitz	500.00	
Dr. David D. Berlin	100.00	
Dr. Thornton Brown	500.00	
Carried forward	$2,350.00	$2,674,530.99

Brought forward		$2,674,530.99
Cable Raincoat Company	200.00	
Century Sportswear Company, Inc.	200.00	
The Feldberg Family Foundation	250.00	
Lincoln and Therese Filene Foundation, Inc.	1,000.00	
Mr. Samuel L. Finn	500.00	
Mr. Joseph R. Ford	250.00	
Ginsburg Brothers, Inc.	250.00	
Mr. Benjamin A. Gold	100.00	
Barnett D. Gordon Family Foundation	400.00	
Mr. Maurice Gordon	200.00	
Mr. and Mrs. Mortimer Gryzmish	500.00	
Mr. Ira Handelman	100.00	
Mr. Joseph Kaplan	500.00	
Dr. and Mrs. Verner S. Johnson	100.00	
Mr. and Mrs. Lucien S. Loeb	100.00	
Joseph L. Milhender Charitable Trust	200.00	
Morton's, Inc.	100.00	
Dr. Louis H. Nason	100.00	
New England Provision Company, Inc.	250.00	
A. C. Ratshesky Foundation	500.00	
Joseph G. and Myer Riesman Foundation	100.00	
Rockman Charitable Foundation, Inc.	500.00	
Dr. Milton S. Thompson	100.00	
Mr. Harry L. Rogal	1,000.00	
Dr. William A. Rogers	240.00	
Bertha C. and Edward Rose Foundation	500.00	
Mr. Nathan Rotfort	100.00	
Abraham Shapiro Charity Fund	200.00	
Sherman Paper Products Corporation	500.00	
J. A. and Bessie Slosberg Charitable Foundation, Inc.	1,000.00	
Trustees u/w David Stoneman	250.00	
Stop and Shop Foundation	1,000.00	
Gertrude W. and Edward M. Swartz Charitable Trust	200.00	
Trimount Automatic Sales Corp.	200.00	
Miss Sophie Tucker	900.00	
Mr. A. Raymond Tye	100.00	
Dr. Jerome Waldman	250.00	
Wentworth, Inc.	200.00	
Dr. and Mrs. Charles F. Wilinsky	100.00	
Morris Winer Foundation, Inc.	200.00	
Jacob Ziskind Trust	2,500.00	
45 Gifts under $100.00	969.00	$19,259.00
THE ROBERT B. OSGOOD MEMORIAL LABORATORY		
Dr. Thornton Brown	$ 500.00	
Mr. Maurice M. Pike	100.00	
3 Gifts under $100.00	110.00	$ 710.00
Carried forward		$2,694,499.99

Brought forward		$2,694,499.99
M. N. SMITH-PETERSEN LABORATORY		
Dr. William H. Blodgett	$ 100.00	
Dr. Robert E. Carroll	100.00	
Dr. David S. Grice	100.00	
Dr. Robert D. Heath	100.00	
Dr. Carl E. Horn	100.00	
Dr. William N. Jones	100.00	
Dr. Thomas C. Leinbach	100.00	
Dr. W. B. McLaughlin	100.00	
Dr. E. James Morrissey	1,000.00	
Dr. Jerome Waldman	250.00	
19 Gifts under $100.00	450.00	$ 2,500.00
THYROID LABORATORY		
Mr. Phillip Granoff		$ 250.00

McLEAN HOSPITAL FUNDS

GENERAL FUND		
Charles Robert Gens Foundation	$ 100.00	
Mrs. Zelma Swerling	5.00	$ 105.00

FIDUCIARY FUNDS

BULLARD FUND		
Bequest of Ellen T. Bullard		$ 100,000.00
CHESTER MORSE JONES HOUSE STAFF EDUCATIONAL FUND		
Anonymous	$ 2,000.00	
Mrs. Theodore Greene	500.00	
Mr. Walter H. Kilham, Jr.	50.00	
Mr. Howard S. O Nichols	100.00	2,650.00
		$ 102,650.00
TOTAL PRINCIPAL FUNDS		$2,800,004.99

INCOME FUNDS

General Hospital Funds

Treasurer's Funds

ANNUAL FREE BED FUND		
Mrs. Taylor Black	$ 500.00	
In Memory of Ernest W. Bowditch	100.00	
Mrs. J. C. D. Bradley	100.00	
Miss Mary Curtis	100.00	
Mr. and Mrs. Francis C. Gray	400.00	
Mrs. Richard Walden Hale	100.00	
Mr. and Mrs. Ralph Lowell	200.00	
In Memory of John Lowell 1816-1820 John Amory Lowell 1843-1851 John Lowell 1856-1870 John Lowell 1910-1922 Trustees of The Massachusetts General Hospital		
Mr. and Mrs. Samuel Mixter	250.00	
Miss Amelia Peabody	500.00	2,250.00
CURRENT EXPENSE FUND		
Bequest of Miss Caroline E. Chickering	$ 7,822.62	
Bequest of Mr. Clarence Croll	75.32	
Committee of the Permanent Charity Fund	17,000.00	
Bequest of Mr. James O. Graves	105.26	
United Community Services	224,355.00	249,358.20
THE ARTHUR W. ALLEN MEMORIAL FUND		
Sundry Donors		4,185.64
CHESTER MORSE JONES LECTURE FUND		
Miss Josephine Cullinane	$ 25.00	
Mr. Stanley S. Newberg	10.00	
In Memory of Mrs. George W. Starbuck	80.00	115.00
KAYPE FUND		
Anonymous	$ 3,043.77	
Mrs. Myrtle M. Freeman	35.00	
Mr. and Mrs. Francis C. Gray	387.50	
Mr. James H. Orr	155.00	3,621.27
ROBERT LIVERMORE MEMORIAL FUND		
India Wharf Rats	$ 15.00	
Mr. John M. Kimball	10.00	
Mr. Hamilton deF. Lockwood, Jr.	25.00	
Mr. and Mrs. Francis B. Lothrop	15.00	
North American Mines, Inc.	25.00	90.00
Carried forward		$259,620.11

Brought forward		$259,620.11
MISCELLANEOUS FUNDS		
Mrs. Larz Anderson	$ 4,000.00	
Mr. David C. Crockett	100.00	
Friends and Associates of Ruth Studley	20.00	
Mrs. Edward Porter May	3,000.00	
Milbank Memorial Fund	3,000.00	
Order of the Golden Chain	50.00	
Bequest of Mary S. Rousmaniere	104,000.00	
Mr. A. Varick Stout	4,365.25	118,526.25
MIXTER PORTRAIT FUND		
Dr. Jost J. Michelsen		1,500.00
J. LOTHROP MOTLEY MEMORIAL FUND		
Sundry Donors		480.00
		$ 380,126.36

Funds For Special Purposes

ANESTHESIA DEPARTMENT

Fund No.		
3014	American Heart Association Fund for Fellowship Expense Grant for Dr. Brewster	$ 500.00
3016	U.S. Public Health Service Fund for Study of Effects of Certain Drugs on Personality u/d Dr. Beecher	10,209.00
3030	Mallinckrodt Chemical Works Fund for Research in Anesthetics u/d Dr. Beecher	11,745.00
3056	Ayerst Laboratories Fund For Study of Effect of Conjugated Estrogens Equine on the Bleeding Defects Encountered During Surgery u/d Dr. McGovern	5,416.50
3058	The Medical Foundation, Inc. for Fellowship for Dr. Gianfranco Del Santo u/d Dr. Beecher	7,952.00
3063	American Heart Association Fund for Study of Hemodynamic and Metabolic Interrelationships and Mechanism of Action of Thyroid Hormones, Sympathoadrenal Hormones and Adrenal Cortical Steroids u/d Dr. Brewster	6,600.00
3066	U.S. Public Health Service Fund for Study of Disturbances in Ventilation Following Anesthesia and Surgery u/d Dr. Bunker	3,784.60
	Carried forward	$426,333.46

	Brought forward		$426,333.46
BLOOD BANK			
3300	Sundry Gifts for Support of Blood Bank Gift of Mr. J. S. Edwards		25.00
BRAIN WAVE LABORATORY			
3325	Parkinson's Disease Foundation for Development of Parkinson's Disease		
3071	Massachusetts Heart Association for Study in Prophylaxis and Treatment of Hypotension During Anesthesia and Surgery u/d Dr. Bunker		3,552.00
	Program u/d Dr. Schwab	$ 10,000.00	
	Parkinson's Disease Foundation Fellowship for Natalie de Leuchtenberg	550.00	10,550.00
3341	The Charles E. Merrill Trust Fund For Research in Parkinson's Disease u/d Dr. Schwab		15,000.00
3345	Grass Instrument Company Fund for Support of Electronic Technician u/d Dr. Schwab		2,145.00
3355	Allen P. & Josephine B. Green Foundation Fund for Support of Clinical Investigations of Patients with Parkinson's Disease u/d Dr. Schwab		6,000.00
3361	The Medical Foundation Fund for Fellowship for Dr. Strupler u/d Dr. Schwab		1,000.00
3375	Neuropharmacological Research Fund		
	The Armour Laboratories	$ 1,500.00	
	Ayerst Laboratories	1,625.00	
	Burroughs Wellcome & Co., Inc.	1,375.00	
	Ciba Pharmaceutical Products, Inc.	1,600.00	
	Geigy Chemical Corporation	1,500.00	
	Hoffman - LaRoche, Inc.	1,500.00	
	Hoyt Pharmaceutical Corp.	500.00	
	Irwin, Neisler & Co.	1,500.00	
	Knoll Pharmaceutical Co.	3,200.00	
	Mead Johnson & Co.	2,250.00	
	Parke, Davis & Co.	5,000.00	
	Pitman-Moore Co.	1,500.00	
	Sandoz, Inc.	1,312.50	
	Smith, Kline & French Laboratories	2,500.00	
	Sterling-Winthrop Research Institute	1,600.00	
	Warner-Chilcott Laboratories	2,500.00	30,962.50
3385	Sundry Gifts for Research in Parkinson's Disease u/d Dr. Schwab		
	In Memory of Mrs. Susan Bennett	$ 166.00	
	In Memory of Dr. Edward Bibring	20.00	
	Mr. Edwin Braverman	500.00	
	Carried forward	$ 686.00	$495,567.96

Brought forward			$ 686.00	$495,567.96
	In Memory of Katherine Corry		10.00	
	In Memory of Mr. Walter J. Duffy		180.00	
	In Memory of Mr. Saul Feinberg		1,100.00	
	Mr. Henry Flory		1,072.50	
	In Memory of Mrs. Rita Gilbert		69.00	
	Mr. Karl Hoblitzelle		500.00	
	In Memory of Mrs. Isaacs		10.00	
	Ladies' Visiting Committee		1,625.00	
	In Memory of Mr. M. H. Leeb		10.00	
	Partners of Merrill Lynch, Pierce Fenner & Smith Foundation, Inc.		1,000.00	
	Dr. and Mrs. Willy M. Perez		750.00	
	In Memory of Mr. Hyman Polshuk		500.00	
	In Memory of Miss Carla Rosenthal		40.00	
	In Memory of Mr. Wolf Samiljan		10.00	
	In Honor of Birthday of William Schwab		10.00	
	Mrs. Stanley J. Seeger		500.00	
	In Memory of Mrs. Rebecca Seiferth		45.00	
	In Memory of Mr. James W. Smith		127.00	
	134 Gifts under $500.00		4,117.60	12,362.10
3390	Edwin Minot Memorial Fund for Research in Electroencephalography			
	Mr. and Mrs. Hamilton Chase	$	100.00	
	Mr. Adolfo Trespalacios		300.00	
	Mr. and Mrs. J. Burke		500.00	
	13 Gifts under $100.00		142.50	1,042.50
3410	Myasthenia Gravis Foundation Fund for Research u/d Dr. Schwab			
	In Memory of Miss Evelyn Gale	$	20.00	
	Mrs. Louis Gale		12.00	
	In Memory of Mr. Burton Lipson		2.50	
	In Memory of Mrs. Sadie Melamed		5.00	
	In Memory of Mr. and Mrs. Harry C. Modes		5.00	
	The Myasthenia Gravis Foundation, Inc.		960.00	
	In Memory of Dr. Maxwell Sherman		2.00	
	Miss Esther Wein		5.00	
	In Memory of Mr. Abraham Yanowitch		4.00	1,015.50
CANCER RESEARCH				
3450	MGH Cancer Research Fund			
	In Memory of Mr. Samuel Brand	$	1.00	
	In Memory of Mr. Simon England		200.00	
	Mr. Joseph F. Ford		250.00	
	In Memory of Mrs. Doris Wolfe		10.00	461.00
3479	American Cancer Society Fund for Cancer Research u/d Dr. Sohier, Jr.			30,000.00
3480	American Cancer Society Fund for Cancer Research u/d Dr. Sohier, Jr.			12,500.00
	Carried forward			$552,949.06

	Brought forward		$552,949.06
3515	Sundry Gifts for Cancer Reseach u/d Research Committee		
	Bequest of Helen D. Hood	$ 5,000.00	
	Gifts		
	In Memory of Mr. Frederic A. Eustis ..	2,000.00	
	In Memory of Mrs. Elizabeth B. Ritchie	500.00	
	In Memory of Ms. Rita B. Veau	100.00	7,600.00
3563	U.S. Public Health Service Fund for a Research Training Grant u/d Drs. Zamecnik and Churchill		60,201.90
3618	U.S. Public Health Service Fund for Study of Enzymatic Mechanism of Protein Synthesis in Tissue u/d Dr. Hoagland		3,769.00
3630	Special Drugs for Huntington Patients Dean Welfare Trust		50.00
3658	Jane Coffin Childs Memorial Fund for Study of Newer Methods of Steroid Metabolism in Cancer u/d Dr. Engel		11,265.00
3659	Jane Coffin Childs Memorial Fund for Study of Newer Methods of Steroid Metabolism in Cancer u/d Dr. Engel		11,265.00
3661	Joseph C. Aub Lectureship Fund u/d Director of Huntington Laboratories		1,010.00
3691	American Cancer Society Fund Salary of Key Individual u/d Dr. Engel		2,264.00
3704	U.S Public Health Service Fund Fellowship for Dr. M. R. Lamborg u/d Dr. Zamecnik		500.00
3715	Ira T. Nathanson Memorial Fund for Cancer Research In Memory of Mr. Samuel Silin		5.00
3716	American Cancer Society Fund Bed and Laboratory Expense for Patients on Mallinckrodt Research Ward u/d of Research Committee		10,000.00
3722	American Cancer Society Fund For Research on Steroid Hormone Enzyme Interactions u/d Dr. Engel		11,682.75
3723	American Cancer Society Fund For Research on Steroid Hormone Enzyme Interactions u/d Dr. Engel		2,136.00
3752	American Cancer Society Fund For Study of Molecular Interactions between Steroid Hormones and Coenzyme Components u/d Drs. Scott and Engel		5,934.00
3753	American Cancer Society Fund For Study of Molecular Interactions between Steroid Hormones and Coenzyme Components u/d Dr. Scott		2,178.00
	Carried forward		$682,809.71

	Brought forward		$682,809.71
3774	U.S. Public Health Service Fund For Study of Ferritin and Hemin Synthesis u/d Dr. Loftfield		5,614.00
3775	U.S. Public Health Service Fund For Study of Biosynthesis of Ferritin and Other Proteins u/d Dr. Loftfield		10,350.00
3789	Cancer, To Pay Costs of Hospital Care Of Patients Being Studied for Research Purposes u/d Dr. W. D. Sohier		
	Gift of Aid For Cancer Research		4,000.00
3793	U.S. Public Health Service Fund For Comparison of Surfaces of Normal and Cancer Cells u/d Dr. Aub		13,509.00
3794	U.S. Public Health Service Fund For Comparison of Surfaces of Normal and Cancer Cells u/d Dr. Aub		13,783.00
3816	American Cancer Society Fund for Study of Nucleic Acid Protein Inter-relationships in Neoplastic Tissues u/d Dr. Zamecnik		23,395.00
3841	American Cancer Society Fund for Study of Nucleic Acid Protein Inter-relationships in Neoplastic Tissues u/d Dr. Zamecnik (Ancillary Award)		1,178.75
3842	American Cancer Society Fund for Study of Nucleic Acid Protein Inter-relationships in Neoplastic Tissues u/d Dr. Zamecnik		3,536.25
3849	American Cancer Society Fund For Study of Cell Surface Tumors u/d Dr. Aub		6,244.50
3870	Sundry Gifts for Cancer Research u/d Dr. Zamecnik		
	In Memory of Mrs. Christian A. Bach	$ 25.00	
	In Memory of Ms. Frances Brown	10.00	
	In Memory of Ms. Grace Emerson	10.00	
	In Memory of Mrs. Alvan T. Fuller	25.00	
	In Memory of Mr. Frank E. Gage	20.00	
	Mr. Robert H. Gardiner	10.00	
	In Memory of Mrs. Goldberg and Miss Margaret Smith	10.00	
	In Memory of Mrs. Edith Greenberg	10.00	
	In Memory of Mr. Simon Hecht	25.00	
	In Memory of Mr. Henderson Inches	100.00	
	In Memory of Mrs. Mary F. Lannary	10.00	
	In Memory of Mrs. Martina L. Lawrence	3,505.50	
	In Memory of Mr. Samuel L. Lowe ..	20.00	
	In Memory of Mrs. Margaret Nash ..	25.00	
	In Memory of Mrs. Marie Schjolden	50.00	
	Mr. Louis Shindler	2.00	
	Mrs. Philip Silverman	10.00	
	Carried forward	$3,867.50	$764,420.21

	Brought forward	$3,867.50	$764,420.21
	In Memory of Mr. William W. Smith	25.00	
	Mr. and Mrs. Gilbert L. Steward and Robert, Lawrence and Nathaniel Coolidge	100.00	
	Miss Eileen M. Weller	10.00	
	In Memory of Dr. Hugh Williams	500.00	
	In Memory of Ms. Sara Zitserman	2.00	4,504.50
3877	American Cancer Society Fund For Study of Purine and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		10,587.00
3878	American Cancer Society Fund For Study of Purine and Pyrimidines as Sites for Activation and Transfer of Metabolic Intermediates u/d Dr. Zamecnik		1,992.25
3896	American Cancer Society Fund Salary of a Key Individual u/d Dr. Zamecnik		2,716.75
3909	U.S. Public Health Service Fund For Study of Histochemistry of Uncontrolled Cell Growth u/d Drs. Scott and Taft		28,519.00
3920	U.S. Public Health Service Fund For Study of Cytoplasmic Factor in Cellular Growth u/d Dr. Bucher		22,790.88
3924	U.S. Atomic Energy Commission Fund For a Biochemical Study of the Effects of Radiation u/d Dr. Zamecnik		87,500.00
4125	American Cancer Society Fund For Salary of a Research Secretary u/d Dr. Raker		4,300.00
4200	Sundry Gifts for the Tumor Clinic		
	In Memory of Mr. Alfred Deberardinis	$ 164.00	
	Ms. Mildred Durfee	5.00	169.00
	DERMATOLOGY SERVICE		
4310	Reheis Company Fund For Study of the Effect of Antiperspirants on the Skin u/d Dr. Blank		7,500.00
4370	American Heart Association, Inc. Fund For Study of Lipide Metabolism in the Skin u/d Dr. Griesemer		1,375.00
4411	Massachusetts Heart Association, Inc. Fund For Study of Lipide Metabolism in the Skin u/d Dr. Griesemer		3,450.00
4415	Dr. G. Marshall Crawford Memorial Fund		
	Dr. John L. Fromer	$ 50.00	
	Miss Ethel F. Hann	5.00	55.00
	Carried forward		$939,879.59

	Brought forward		$939,879.59
4441	Squibb Institute for Medical Research Fund Grant in Aid for Dr. Thomas Fitzpatrick		1,000.00
4451	U.S. Public Health Service Fund For Study in Lipide Metabolism in the Skin u/d Dr. Griesemer		5,247.00
4462	For Study of Effects of Ultra Violet Rays u/d Dr. Fitzpatrick		
	Dr. John Alden	$ 1.000.00	
	Mrs. John Alden	12,000.00	
	Squibb Institute for Medical Research	1,000.00	14,000.00
	ENDOSCOPY SERVICE		
4500	Maude Benson Benedict Memorial Fund for Endoscopy and Research u/d Drs. Edward B. and Patricia H. Benedict		182.50
	FREE CARE		
4620	Nelson E. Weeks Fund For Free Care of Needy Patients		2,425.00
4625	Sundry Memorial Gifts for Free Care In Memory of Mrs. Nuvart Movsesian		50.00
	MASSACHUSETTS GENERAL HOSPITAL MISCELLANEOUS FUNDS		
4805	Ladies' Visiting Committee Fund For Emergency Recreation u/d Mrs. Virginia Arnold and Mrs. Helen Gray		100.00
4860	Sundry Gifts at the Disposal of the General Director		50.00
4865	Sundry Gifts at the Disposal of the Director of the Phillips House		275.00
4870	Ladies Visiting Committee "Travelli" Fund		2,000.00
4925	Dr. and Mrs. Claude Welch Fund For Aiding Establishing of Students from Abroad at MGH u/d Dr. Clark		2,000.00
4940	House Officers Penthouse Fund u/d Mrs. W. Burrage		15.00
4950	Henry Vance Fund for the Benefit of Interns and Residents		3,003.00
	MEDICAL SERVICE		
5040	MGH Research Fund		
	Armour and Company	$ 5,000.00	
	The Charles W. Brown, Jr. Memorial Foundation	1,250.00	
	The Burroughs Wellcome Fund	5,000.00	
	First Franklin Parking Corporation	1,000.00	
	Mrs. Henry L. Gilbert	25.00	
	In Memory of Mr. Edmund Howell	2.00	
	Mr. G. M. Kidder	5.00	
	Carried forward	$12,282.00	$970,227.09

	Brought forward	$12,282.00	$970,227.09
	In Memory of Mr. M. Margolis	2.00	
	In Memory of Mrs. Mary O'Brien	10.00	
	Parke, Davis & Company	3,750.00	
	Miss Amelia Peabody	5,083.75	
	Raython Charitable Foundation	2,000.00	
	Mrs. Margaret H. Rousseau	50.00	
	In Memory of Mr. Morris Simms	5.00	
	Mrs. Raymond Thompson	10.00	
	The Upjohn Company	5,000.00	
	In Memory of Mr. Max Waldman	3.00	
	In Memory of Mrs. Bertha Dickinson White	100.00	28,295.75
5050	Charles A. King Trust Fund For Support of Research u/d Dr. Beck		5,000.00
5060	American Cancer Society Fund For Study of Genetic Transformation Mammalian Cells (Ancillary Grant) u/d Dr. Beck		3,234.00
5075	Leukemia Society Fund For Study of A. T. Pase in Normal and and Leukemic Leukocytes and on Interrelationship Between A. T. Pase and Glycolytic Rate		5,000.00
5082	American Cancer Society Fund For Study of Genetic Transformation in Mammalian Cells u/d Dr. Beck		1,811.25
5084	American Heart Association Fund Fellowship Expense Grant u/d Dr. Beck	$ 500.00	
	New England Hemophilia Association	500.00	1,000.00
5096	U.S. Public Health Service Fund For the Study of Metabolism of Normal and Leukemic Leukocytes u/d Dr. Beck		18,987.00
5101	U.S. Public Health Service Fund For Study of Isolation and Properties of the Erythrocyte Membrane u/d Dr. Beck		5,750.00
5102	U.S. Public Health Service Fund For Study of Isolation and Properties of the Erythrocyte Membrane u/d Dr. Beck		5,750.00
5115	Ladies' Visiting Committee Fund For the Diabetes Clinic u/d Dr. Harwood		250.00
5121	The Helen Hay Whitney Foundation Fund For Fellowship for Dr. Stephen M. Krane u/d Dr. Bauer		8,500.00
5126	Eli Lilly and Company Fund for Evaluation of Metahexamide u/d Dr. Harwood		2,500.00
	Carried forward		$1,056,305.09

	Brought forward		$1,056,305.09
5131	U.S. Public Health Service Fund For Study on Intestinal and Colonic Mucosa u/d Dr. Isselbacher		16,176.00
5137	U.S. Public Health Service Fund For Study of Galactose Metabolism in Galactosemia and Other Diseases u/d Dr. Isselbacher		31,084.00
5150	Sundry Gifts for Research of Hemorrhagic Diseases u/d Dr. Jacobson		135.00
5157	U.S. Public Health Service Fund For Study of the Mechanism of Active Ion Transport by Cells and Tissues u/d Dr. Leaf		19,133.11
5163	Good Will Fund u/d Dr. Gerardo Balboni Mr. Angelico L. Gianquinto ..... 10.00 Mr. John N. Marinoni 25.00		35.00
5169	American Heart Association Fund For Fellowship Expense Grant for Dr. Howard Frazier		500.00
5175	U.S. Public Health Service Fund For Training in Research in Allergy u/d Drs. Lowell and Leskowitz		3,928.00
5176	U.S. Public Health Service Fund For Training in Research in Allergy and Infectious Diseases u/d Drs. Lowell and Leskowitz		15,984.00
5182	American Heart Association Fund For Study of Renal Acidifying Mechanisms u/d Dr. Leaf		9,488.86
5183	U.S. Public Health Service Fund For Fellowship Grant for Dr. L. M. Maffly u/d Dr. Leaf		500.00
5191	The John A. Hartford Foundation, Inc. Fund For Study in the Mechanisms of Fluid and Lipide Metabolism and Their Relationship to Heart and Kidney Disease u/d Dr. Leaf		37,237.00
5198	The Helen Hay Whitney Foundation Fund For Fellowship for Dr. Jean R. Crabbe u/d Dr. Leaf		5,000.00
5201	The John A. Hartford Foundation, Inc. Fund For Support of an Arteriosclerosis Investigator u/d Dr. Leaf		28,875.00
5206	U.S. Public Health Service Fund For Graduate Training Grant u/d Dr.		6,750.00
	Carried forward		$1,231,131.06

	Brought forward		$1,231,131.06
5207	U.S. Public Health Service Fund For Graduate Training Grant u/d Dr. Isselbacher		10,168.00
5210	U.S. Atomic Energy Commission Fund For Study on Radiation Effect in the Thyroid u/d Dr. Means		12,459.00
5226	The Medical Foundation, Inc. Fund For Fellowship for Dr. Mary Jane Spiro u/d Dr. Stanbury		6,792.50
5231	American Cancer Society, Inc. Fund For Study of Metabolic Abnormalities in Congenital Goiter u/d Dr. Stanbury		2,300.00
5252	American Cancer Society, Inc. Fund For Study of Metabolic Abnormalities in Congenital Goiter u/d Dr. Stanbury		2,934.75
5264	U.S. Public Health Service Fund For Post Doctoral Fellowship Grant in Behalf of Dr. Jacques Dumont u/d Dr. Stanbury		957.00
5276	U.S. Public Health Service Fund For Study in Enzymatic Mechanisms in the Thyroid Gland u/d Dr. Stanbury		21,645.00
5288	U.S. Public Health Service Fund for Study of Regulation of Glycogen Metabolism in Liver Cells u/d Dr. Field		9,025.00
5298	Eli Lilly Company Fund for Study of Connective Tissue u/d Dr. Bauer		5,000.00
5302	U.S. Public Health Service Fund for Study of Mechanism of L. E. Phenomenon u/d Dr. Aisenberg		14,041.00
5310	U.S. Public Health Service Fund for Study of Application of Scintillation Counters to Multiple Tracer Experiments u/d Dr. Brownell		19,365.00
5313	Charles A. King Trust Fund for Pilot Studies in Calcium Metabolism and Metabolic Nucleic Acid in Man u/d Dr. Smith		5,000.00
5320	Sundry Gifts for Research in Cancer u/d Dr. Lerman	$ 6.00	
	In Memory of Mrs. Mary Bicho and Mrs. Mary Rose	2.00	
	In Memory of Mrs. Jacob Lerman	602.00	610.00
	Carried forward		$1,341,428.31

	Brought forward		$1,341,428.31
5325	Sundry Gifts for Thyroid Research u/d Dr. Stanbury		
	Anonymous	$ 5,000.00	
	The Medical Foundation, Inc.	500.00	
	The National Foundation for Infantile Paralysis, Inc.	750.00	6,250.00
5329	U.S. Public Health Service Fund for Study of Mechanisms of Action of Cyancobalamin (B12) in Hematopiesis u/d Dr. Smith		8,186.00
5330	U.S. Public Health Service Fund for Study of Nucleic Acid Metabolism in Man u/d Dr. Smith		28,375.00
5335	Sundry Gifts for Thyroid Research u/d Dr. Lerman		
	In Memory of Mrs. Jacob Lerman	$ 35.00	
	Dr. and Mrs. Saul Marcus	200.00	235.00
5346	American Cancer Society Fund for Study of the Basic Processes of Radiation Effect on Biological Materials u/d Dr. Brownell		33,400.50
5347	American Cancer Society Fund for Study of the Basic Processes of Radiation Effect on Biological Materials u/d Dr. Brownell		5,937.50
5351	American Cancer Society Fund for Study of the Basic Processes of Radiation Effect on Biological Materials u/d Dr. Brownell		10,280.50
5357	U.S. Public Health Service Fund For Graduate Training Grant in Diabetes u/d Dr. Field		10,940.00
5358	U.S. Public Health Service Fund for Graduate Training Grant in Diabetes u/d Dr. Field		10,940.00
5360	U.S. Public Health Service Fund for Study of Parameters of the Thyroid Gland u/d Dr. Brownell		10,925.00
5366	U.S. Public Health Service Fund for Study in Biophysics Training Program u/d Dr. Brownell		7,020.00
5367	U.S. Public Health Service Fund for Study in Biophysics Training Program u/d Dr. Brownell		7,344.00
5374	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Bauer		10,530.00
	Carried forward		$1,491,791.81

	Brought forward		$1,491,791.81
5386	U.S. Atomic Energy Commission Fund for Study of Techniques of Positron Scanning to Organs other than the Brain u/d Dr. Brownell		10,000.00
5392	Charles A. King Trust Fund for Support of Dr. Saul Aronow in Research of Electronic and Radioisotope Techniques to Medicine u/d Dr. Aronow		9,000.00
5397	U.S. Public Health Service Fund for Study in Allergy of the Respiratory Tract u/d Dr. Lowell		19,567.00
5400	The Medical Foundation Fund for Fellowship for Dr. John Knowles u/d Dr. Bauer		9,630.00
5405	U.S. Atomic Energy Commission Fund for Research to Establish a Beryllium Case Registry u/d Dr. Hardy		10,968.00
5410	U.S. Public Health Service Fund for Study in Pulmonary Disease due to Toxic Chemical and Dust u/d Dr. Hardy		4,715.00
5415	U.S. Public Health Service Fund for Study of Problems in Recovery from Disabling Occupational Disease u/d Dr. Hardy		13,995.00
5418	U.S. Public Health Service Fund for Study of Plasma and Connective Tissue Glycoproteins in Normal and Rheumatic Subjects u/d Dr. Schmid		3,739.71
5421	U.S. Public Health Service Fund for Study in Factors in Allergic Responses u/d Dr. Lowell		42,320.00
5429	U.S. Public Health Service Fund for Study of Composition, Function and Malfunction of Tissue u/d Dr. Gross		25,391.00
5430	Sundry Gifts for Allergy Clinic u/d Dr. Lowell		
	Mrs. William T. Aldrich	$ 200.00	
	The American Academy of Allergy	600.00	
	Anonymous	3,035.63	
	Mrs. Ethel Carney	1,500.00	
	Dr. Francis C. Lowell	1,200.00	
	Mrs. Lewis I. Prouty	2,000.00	8,535.63
5431	U.S. Public Health Service Fund for Study of Serology of the Atopic State u/d Drs. Lowell and Follensby		11,090.00
5437	Helen Hay Whitney Foundation Fund for Research u/d Dr. Karl Schmid		9,750.00
5440	Helen Hay Whitney Foundation Fund for Research Fellowship for Dr. Batchelor		9,500.00
	Carried forward		$1,679,993.15

	Brought forward		$1,679,993.15
5447	Helen Hay Whitney Foundation Fund for Fellowship for Dr. Orloff u/d Dr. Gross		4,750.00
5451	New England Chapter Arthritis & Rheumatism Foundation Fund for Survey of Rheumatoid Arthritis Patients in the Clinic u/d Dr. Calkins		2,500.00
5454	American Heart Association Fund for Fellowship Expense Grant for Dr. Gross		500.00
5455	U.S. Public Health Service Fund for Post Doctoral Fellowship Grant, Foreign, in Behalf of Dr. L. K. Christenson u/d Dr. Bauer		8,097.00
5460	U.S. Public Health Service Fund for Study of the Soluble Protein Components of Connective Tissue u/d Dr. Schmid		9,238.00
5465	U.S. Public Health Service Fund for Study of Connective Tissue and Certain of its Diseases u/d Drs. Bauer and Calkins		65,052.00
5470	U.S. Public Health Service Fund for Supply Grant for Dr. Spiro u/d Dr. Jeanloz		500.00
5477	Massachusetts Heart Association Fund for Study of Correlation Between Structure, Physical Properties and Composition in Altered Developing Tissues u/d Dr. Gross		3,967.50
5489	Miss Aimee Lamb Fund for Medical Research u/d Dr. Bauer		
	Mrs. S. Pearce Browning	$ 100.00	
	Mr. Alfred L. Loomis	5,000.00	5,100.00
5490	American Heart Association Fund for Fellowship Expense Grant for Dr. Spiro u/d Dr. Jeanloz		500.00
5491	American Heart Association Fund for Fellowship Expense Grant for Dr. Stoffyn u/d Dr. Jeanloz		500.00
5494	National Science Foundation Fund for Study of Uridine-Diphosphate-Amino Sugar Derivatives u/d Dr. Jeanloz		2,200.00
5495	National Science Foundation Fund for Study of Uridine-Diphosphate-Amino Sugar Derivatives u/d Dr. Jeanloz		10,500.00
	Carried forward		$1,793,397.65

	Brought forward		$1,793,397.65
5502	U.S. Public Health Service Fund for Study of Carbohydrate Components of Connective Tissues u/d Dr. Jeanloz		11,700.00
5504	Helen Hay Whitney Foundation for Fellowship for Dr. Eyler u/d Drs. Jeanloz & Schmid		6,500.00
5516	Webster Research Foundation Fund for Metabolic Studies u/d Dr. Pechet Dr. Maurice M. Pechet		1,590.73
5518	Arthritis & Rheumatism Foundation Fund for Fellowship for Dr. Borge Larsen u/d Dr. Calkins		500.00
5519	New England Chapter Arthritis and Rheumatism Foundation Fund for Library and Lecture Expenses u/d Dr. Gross		750.00
5520	Sundry Gifts and Receipts from Laboratory Tests for Support of Laboratory u/d Dr. Albright Mr. Edward V. Kirkland		10.00
5522	U.S. Public Health Service Fund for Study of Extracellular Hyaline Substance Especially Relating to Rheumatoid Arthritis u/d Dr. Calkins		19,067.00
5527	Arthritis & Rheumatism Foundation Fund for Fellowship for Dr. Franklin Mullinox u/d Dr. Calkins		500.00
5529	Arthritis & Rheumatism Foundation Fund for Fellowship for Dr. William Burgi		250.00
5531	U.S. Atomic Energy Commission Fund for Study of the Mechanism of the Destruction of Bone u/d Dr. Krane		14,972.00
5540	Sundry Gifts for Cardiac Research u/d Paul Dudley White		
	Ladies Auxiliary, Massachusetts Rural Letter Carriers Association	25.00	
	Mr. and Mrs. W. Stephens Mayer	100.00	
	Mr. Henry B. Robertson	100.00	
	In Memory of Mrs. Marion L. Swift	80.00	305.00
5547	Massachusetts Heart Association, Inc. Fund for Paul Dudley White Fellowship u/d Dr. E. Bland		4,140.00
5562	American Heart Association Fund for Study of Chemistry and Biochemistry of Heparins u/d Dr. Jeanloz		4,400.00
5590	Mickles Fund for Cardiac Research u/d Dr. Bland Mrs. Edytha Macy Gross		2,559.38
	Carried forward		$1,860,641.76

	Brought forward		$1,860,641.76
5592	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		8,597.78
5593	U.S. Public Health Service Fund for Biochemical Studies on Cardiac and Skeletal Muscle u/d Dr. Gergely		16,331.00
5601	The Helen Hay Whitney Foundation Fund for Fellowship for Dr. Koscok Maruyama u/d Dr. Gergely		4,500.00
5604	Muscular Dystrophy Associations of America Fund for Study on Structure and Functions of Contractile Muscle Proteins u/d Dr. Gergely		9,388.00
5610	Sundry Gifts for Cardiac Research u/d Dr. Bland		
	Auxiliary to the Rural Letter Carrier's Association	$ 5.00	
	In Memory of Jacob Berkowitz	25.00	
	Dr. E. F. Bland and Associates	22,153.37	
	In Memory of Mr. Harry B. Braude	2,347.50	
	In Memory of Mr. Harry B. Braude and Mr. Harry LeVine	4.00	
	In Memory of Elizabeth and William Cloney	5.00	
	In Memory of Mr. Nathan C. Cohen	100.00	
	In Memory of Mr. C. G. Fleigner	25.00	
	In Memory of Mrs. Anna A. Fouhy	5.00	
	In Memory of Mr. Herbert W. Hansen	10.00	
	In Memory of Mr. Leslie D.Hawkridge	25.00	
	In Memory of Mr. Willis G. Hult	10.00	
	In Memory of Mr. Robert Levine	2.00	
	In Memory of Mr. Ander J. Livolsi	10.00	
	In Memory of Mr. Edward A. Marks	5.00	
	Ladies Auxiliary, Massachusetts Rural Letter Carriers' Association	2.00	
	In Memory of Mr. Earle D. McLeod	80.00	
	The McVie Family	15.00	
	In Memory of Mrs. Bertha Pettengill	10.00	
	In Memory of Dr. William S. Quigley	5.00	
	In Memory of Mr. John L. Saltonstall	25.00	
	In Memory of Dr. Maxwell Sherman	10.00	
	In Memory of Dr. Maxwell Sherman and Mr. Louis Zisman	10.00	
	In Memory of Mr. Jacob S. Shuman	5.00	
	In Memory of Concetta Tordiglione	5.00	
	In Memory of Mrs. Bernardine Tucker	5.00	
	In Memory of Mrs. Gertrude C. Turner and Mr. Jack Gordon	6.00	
	In Memory of Mrs. Harold Warren	15.00	
	In Honor of the Recovery of Mr. A. H. Wechsler	5.00	
	In Memory of Mrs. Doris Wolfe	2.00	
	In Memory of Mrs. Gladys Woodall	3.00	
	In Memory of Mr. Stanley F. Woodall	3.00	
	Dr. Hsien Wu	200.00	25,137.87
	Carried forward		$1,924,596.41

	Brought forward		$1,924,596.41
5611	Life Insurance Medical Research Fund for Study of Biochemistry of a Heart Muscle u/d Dr. Gergely		6,820.00
5615	Anonymous Gift for Cardiac Research u/d Dr. H. B. Sprague		2,455.25
5617	Pitman Moore Company Fund For Technicians Salary and Post Overatrine Studies u/d Dr. Currens		1,650.00
5620	Eli Lilly & Company Fund for Study of Hypertension u/d Dr. Currens		3,000.00
5657	U.S. Public Health Service Fund for a Graduate Training Grant u/d Dr. Bland		11,426.00
5658	U.S. Public Health Service Fund for a Graduate Training Grant in Cardiology u/d Dr. Bland		11,398.00
5740	The William S. Merrell Company Fund for Gastro-intestinal Research u/d Dr. Culver		2,000.00
5790	Sundry Gifts for Research in Digestive Diseases u/d Dr. Jones		
	The Caplan Brothers	$ 500.00	
	Mr. and Mrs. Hugh S. Ferguson	250.00	
	Mr. and Mrs. Donald F. Harding	559.81	
	Mr. Walter H. Kilham, Jr.	200.00	
	Mr. Harlan K. Simonds, Jr.	110.00	
	Mr. Dana Steele	100.00	1,719.81
5798	U.S. Public Health Service Fund for Basic and Clinical Studies of Intestinal Function u/d Drs. Benson and Jones		8,625.00
5823	U.S. Public Health Service Fund for Fellowship for Dr. Paul Black u/d Dr. Swartz		500.00
5831	U.S. Public Health Service Fund for Study of Pyridine Nucleotides during Phage Infection of Ecoli u/d Dr. Swartz		6,900.00
5832	U.S. Public Health Service Fund for Study of Pyridine Nucleotides during Phage Infection of Ecoli u/d Dr. Swartz		6,900.00
5926	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms and "L" Forms of Bacteria u/d Dr. Dienes		6,979.00
5927	U.S. Public Health Service Fund for Study of the Significance of the Pleuropneumonia Group of Organisms and "L" Forms of Bacteria u/d Dr. Dienes		6,980.00
	Carried forward		$2,001,949.47

	Brought forward	$2,001,949.47
5937	U.S. Public Health Service Fund for Study of Possible Role of Pleuropneumonia-like Organisms and "L" Forms of Hemolytic Streptococcus in Rheumatic Fever and Rheumatoid Arthritis u/d Dr. Sharp	14,763.00
	NEUROLOGICAL SERVICE	
5966	U.S. Public Health Service Fund for Experimental Epilepsy in Rabbits u/d Drs. Nellhaus and Dodge	10,925.00
5970	Sundry Gifts for Research u/d Dr. Adams Mrs. George H. Swift	2,000.00
5973	U.S. Public Health Service Fund for Study of Diphtheritic Neuritis u/d Drs. Webster and Spiro	2,254.00
5986	U.S. Public Health Service Fund for Study of Aneurysms and Acute Subarachnoid Hemorrhages u/d Dr. Fisher	6,365.00
5987	U.S. Public Health Service Fund for Study of Aneurysms and Acute Subarachnoid Hemorrhages u/d Dr. Fisher	7,423.00
5993	U.S. Public Health Service Fund for Study of Vascular Diseases of Human Brain u/d Dr. Fisher	8,709.58
5994	U.S. Public Health Service Fund for Study of Vascular Diseases of Human Brain u/d Dr. Fisher	15,960.00
6001	U.S. Public Health Service Fund for Pediatric Neurology Training Grant u/d Dr. Dodge	11,880.00
6002	U.S. Public Health Service Fund for Pediatric Neurology Training Grant u/d Dr. Dodge	10,624.00
6007	U.S. Public Health Service Fund for the Comparison of Tuberculin Sensitivity u/d Dr. Waksman	5,572.00
6008	U.S. Public Health Service Fund for the Comparison of Tuberculin Sensitivity u/d Dr. Waksman	7,455.00
6028	Foundations' Fund for Research in Psychiatry for Study of the Neurology of Instinctive Behavior u/d Dr. Cobb	6,630.00
6029	Sundry Gifts for Study of Diseases of Muscle u/d Dr. Adams In Memory of Miss Elizabeth K. Webber	118.00
6030	Dr. Madelaine R. Brown Fund for Research u/d Dr. Adams	2,000.00
	Carried forward	$2,114,628.05

	Brought forward		$2,114,628.05
6036	Sundry Gifts for Pediatric Neurology u/d Drs. Adams and Dodge		
	Junior League of Boston, Inc.	$ 250.00	
	Dr. Gerhard Nellhaus	20.00	270.00
6037	Muscular Dystrophy Associations of America Fund for Expenses of Dr. Ingrid Gamstorp, the Jerry Lewis Research Fellowship u/d Dr. Adams		750.00
6043	Charles A. King Trust Fund for Support of Dr. Richard Sidman in Research in Histology and Biochemistry u/d Dr Adams		7,500.00
6047	U.S. Public Health Service Fund for Study of Antigens in Experimental Demyelinative Disease u/d Dr. Waksman		26,159.00
6055	U.S. Public Health Service Fund for Study of Sensory Stimulation of Human Brain u/d Dr. Brazier		16,432.00
6056	U.S. Public Health Service Fund for Study of Sensory Stimulation of Human Brain u/d Dr. Brazier		23,873.00
6076	U.S. Public Health Service Fund for a Cooperative Clinical Study of Anticoagulant Therapy u/d Drs. Adams and Fisher		3,894.70
6151	U.S. Public Health Service Fund for Study of Vitamin Deficiency Effects on the Nervous System u/d Drs. Victor and Dreyfus		28,750.00
6175	National Neurological Research Foundation Fund for Fellowship for Dr. Waksman u/d Dr. Adams		15,000.00
NEUROLOGICAL SERVICE			
6191	U.S. Public Health Service Fund for Study of Chemical Treatment of Malignant Brain Tumors u/d Drs. Mark and Kjellberg		7,797.00
6207	U.S. Atomic Energy Commission Fund for Study of External Localization of Brain Tumors Employing Positron Emitting Isotopes u/d Drs. Sweet and Brownell		28,080.00
6230	Medical Foundation of Metropolitan Boston, Fund for Fellowship for Dr. Kjellberg u/d Dr. White		8,840.00
6251	U.S. Public Health Service Fund for Study of Determination of Rates of Transfer of Water and Electrolytes in Central Nervous System u/d Drs. Brownell and Sweet		7,475.00
	Carried forward		$2,289,448.75

	Brought forward	$2,289,448.75
6257	Katherine W. Reid Fund for Study in a Typical Neuralgias of the Head u/d Custodian of the Mixter Fund	23,457.20
6271	U.S. Atomic Energy Commission Fund for Study of Effects of Ionizing Radiation on Ultra Structure of Developing Nervous Tissues as Revealed by Electron Microscopy u/d Dr. Fernandes-Moran	25,000.00
6293	U.S. Public Health Service Fund for Study in Focused Ultrasound in Neurology u/d Drs. Ballantine and Bell	17,500.00
6294	U.S. Public Health Service Fund for Study in Focused Ultrasound in Neurology u/d Drs. Ballantine and Bell	17,500.00
6326	U.S. Public Health Service Fund for Study in Blood Brain and Blood Brain Barriers in Diagnosis and Therapy u/d Dr. Sweet	41,061.43
6327	U.S. Public Health Service Fund for study of Blood-Brain Tumor Barriers in Diagnosis and Therapy u/d Dr. Sweet	41,400.00
6330	Seth Sprague Educational and Charitable Foundation Fund for Research in Neurosurgery u/d Dr. White	10,000.00
6350	American Cancer Society Fund for Study of Pituitary Tumors u/d Dr. Hirsch	1,200.00
6373	U.S. Atomic Energy Commission Fund for Study of Use of Thermal and Epithermal Neutrons in Treatment of Neoplasm u/d Dr. Sweet	44,000.00
6396	U.S. Public Health Service Fund for Study of Aneurysms and Subarachnoid Hemorrhages u/d Dr. Sweet	9,582.00
6397	U.S. Public Health Service Fund for Study of Aneurysms and Subarachnoid Hemorrhages u/d Dr. Sweet	9,583.00
6411	U.S. Public Health Service Fund for Study of Blood Brain Barrier with Isotopes u/d Dr. Bakay	7,475.00
6412	U.S. Public Health Service Fund for Study of Blood Brain Barrier with Isotopes u/d Dr. Bakay	7,475.00
6425	U.S. Public Health Service Fund for Study of Occlusive Disease in Trunk Arteries to Brain u/d Dr. Sweet	9,775.00
	Carried forward	$2,554,457.38

	Brought forward		$2,554,457.38
6430	Sundry Gifts for Research u/d Dr. Sweet		
	Mrs. Harry M. Ford	750.00	
	Mr. David W. and Ms. Grace Lillie	20.00	
	In Memory of Mrs. Lucy Elizabeth Sprague	1,000.00	1,770.00
6465	U.S. Public Health Service Fund for Study of Relief of Pain in Chronic Conditions u/d Drs. White and Mark		28,871.00
	NURSING SCHOOL		
6525	Jessie Stewart Memorial Scholarship Fund u/d Miss Sleeper		
	Miss Katherine Hardeman	100.00	
	MGH School of Nursing, Class of 1959 & 1960	220.00	
	MGH School of Nursing, Class of 1960	100.00	
	Mr. and Mrs. William R. Stewart	252.00	
	MGH School of Nursing, Cooperative Association	200.00	
	23 Donors of under $100.00	437.21	1,309.21
6600	Marion Moir West Loan Fund		
	Miss Ann M. Floyd	100.00	
	MGH Nurses' Alumnae Association	10.00	
	Miss Ella R. Potter	50.00	
	In Memory of Mrs. Ruth Crowell Jones	217.65	377.65
	ORTHOPEDIC SERVICE		
6745	Fracture Book Fund u/d Dr. Cave		
	Mrs. Alvah R. Boynton	50.00	
	Dr. Edwin F. Cave	402.30	452.30
6755	Sundry Gifts for Research u/d Dr. Brown		
	Anonymous		8,000.00
6760	Sundry Gifts for Foot Research Study of Sling Operation u/d Dr. Joplin		
	Mr. Joel Hunter	$ 100.00	
	Dr. Robert J. Joplin	1,125.12	
	Dr. Samuel Levine	100.00	
	Mrs. Charles Howard Pettit	500.00	
	Dr. Marie Rogowski	100.00	
	Winthrop Laboratories	5,000.00	
	28 Donors under $100.00	290.00	7,215.12
6795	Sundry Gifts u/d Dr. Aufranc		
	Ambassador and Mrs. Phillip Young		200.00
6850	U.S. Public Health Service Fund For Study of the Molecular Biology of Mineralized Tissues u/d Drs. Glimcher and Barr		29,912.00
	Carried forward		$2,632,564.66

	Brought forward		$2,632,564.66
6860	U.S. Public Health Service Fund For Study of the Molecular Biology of Mineralized Tissues u/d Drs. Glimcher and Barr		29,913.00
6865	U.S. Public Health Service Fund For Study of the Molecular Biology of Mineralized Tissues u/d Dr. Glimcher		29,913.00
6873	Medical Foundation Fund For Research Fellowship for Dr. Glimcher u/d Dr. Brown		9,580.00
6900	Sundry Gifts for Research u/d Dr. Barr		
	Dr. Benjamin Leavitt	$ 100.00	
	Mr. Henry Kolowkat	60.00	
	Dr. James C. Harberson	25.00	185.00
	PATHOLOGY DEPARTMENT		
6931	U.S. Public Health Service Fund For Study of Bone Tumors and Dysplastic Bone Lesions u/d Drs. Castleman and Dudley		20,757.00
6984	U.S. Public Health Service Fund For Study of Myasthenia Gravis u/d Dr. Castleman		5,500.00
6985	U.S. Public Health Service Fund for Study of Myasthenia Gravis u/d Dr. Castleman		5,500.00
6993	Tracy B. Mallory Memorial Library Fund u/d Dr. Castleman		
	Dr. Jose Nicolas Astacio	$ 6.25	
	Dr. and Mrs. Roy L. Byrnes	10.00	
	Dr. Charles R. Campbell	100.00	
	Dr. and Mrs. Samuel C. Capps	5.00	
	Dr. Martin Etchart	15.00	
	Dr. Robert H. Fennell, Jr.	5.00	
	Dr. Edward A. Gall	10.00	
	Dr. D. S. Kahn	10.00	
	Dr. Michael A. Luongo	25.00	
	Dr. Frank A. Mantz, Jr.	10.00	
	Dr. and Mrs. Si-Chun Ming	25.00	221.25
7006	U.S. Public Health Service Fund for Study of Endocrine Glands and Neoplastic Disease u/d Dr. Castleman		38,107.00
7007	U.S. Public Health Service Fund for Study of Endocrine Glands and Neoplastic Disease u/d Dr. Castleman		30,000.00
7015	U.S. Atomic Energy Commission for Collection, Storage and Use of Human Cadaver Marrow u/d Drs. Castleman and Ferrebee		36,518.00
	Carried forward		$2,838,758.91

	Brought forward		$2,838,758.91
7027	Massachusetts Heart Association Fund for Study of Functional Examination of the Heart at Autopsy u/d Dr. Castleman		4,140.00
7035	U.S. Public Health Service Fund for Training Program in Pathology u/d Dr. Taft		12,420.00
7036	U.S. Public Health Service Fund for Training Program in Pathology u/d Dr. Taft		15,282.00
7049	U.S. Public Health Service Fund for Study of Ultrastructure of the Kidney in Various Pathological Conditions u/d Drs. Castleman and Spiro		21,323.95
7051	U.S. Public Health Service Fund for Study of Quantitative Histochemistry of Human Liver Disease u/d Drs. Taft and Scott		5,114.30
	PEDIATRIC SERVICE		
7082	American Cancer Society Fund for Support of Dr. McGovern in Study of Aged Platelets in Thrombocytopenia		2,593.25
7083	American Cancer Society Fund for Support of Dr. McGovern in Study of Aged Platelets in Thrombocytopenia		3,915.75
7126	American Cancer Society Fund for Study of Effect of Aged Platelets in Thrombocytopenia u/d Dr. McGovern		12,252.00
7140	Sundry Gifts to Support Work u/d Dr. Talbot		
	Dr. Bernard Krasner		100.00
7150	Sundry Gifts for Leukemia Research u/d Dr. McGovern		
	In Memory of Marguerite Ann Bonanno	$ 5.00	
	In Memory of Carol Ann Davis	50.00	
	Mrs. Matilda F. Gavin	52.00	
	Mr. Charles E. Hartshorn, Jr.	15.00	
	In Memory of Brian McQuaid	3.00	
	Mr. Arthur K. Wicks	500.00	625.00
7186	Sundry Gifts u/d Chief of Service		
	Dr. T. Berry Brazelton	$ 15.00	
	Dr. William A. Dickson	10.00	
	Dr. Robert N. Ganz	50.00	
	Dr. Joseph J. McGovern	15.00	
	Dr. Thomas C. Peebles	15.00	
	Dr. Ralph A. Ross	50.00	
	Dr. Robert T. Sceery	10.00	165.00
7230	Sundry Gifts and Receipts from Laboratory Tests for Support of Children's Medical Laboratory u/d Dr. Butler		
	Mrs. Raymond E. Moore		10.00
	Carried forward		$2,916,700.16

	Brought forward		$2,916,700.16
7270	Sundry Gifts for Research u/d Dr. Butler		
	Mr. Victor R. Casavant	$ 5.00	
	Mead Johnson & Company	500.00	505.00
7275	Sundry Gifts for Diabetic Research u/d Dr. Butler		
	Mrs. John H. Johnson	$ 100.00	
	Dr. Margaret A. Single	10.00	110.00
7342	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Talbot		10,009.08
7343	U.S. Public Health Service Fund for Graduate Training Grant u/d Dr. Talbot		13,250.00
7360	Sundry Gifts for Research on Pancreatic Fibrosis u/d Dr. Butler		
	In Memory of Albert O. Wilson		104.00
	PHARMACY DEPARTMENT		
7420	Gilman Brothers, Inc. Fund for Purchase of Certain Equipment for Pharmacy		500.00
	PHYSICAL THERAPY		
7496	U.S. Office of Vocational Rehabilitation Fund for Traineeship in Physical Medicine u/d Dr. Watkins		3,125.00
7497	U.S. Office of Vocational Rehabilitation Fund for Traineeship in Physical Medicine u/d Dr. Watkins		1,813.00
7500	Pope Foundation Fund for Research in Physical Therapy and Rehabilitation		
	Drs. T. L. DeLorme and A. L. Watkins		40.14
	PSYCHIATRIC SERVICE		
7507	United Cerebral Palsy Research and Educational Foundation, Inc. Fund for Study of Treatment of Movement Disorders by Stereotactic Methods u/d Dr. Irvin		4,709.00
7538	U.S. Public Health Service Fund for Training in Clinical Psychiatry u/d Dr. Lindemann		8,798.19
7543	U.S. Public Health Service Fund for Training in Preventive Psychiatry u/d Dr. Lindemann		19,322.44
	Carried forward		$2,978,986.01

	Brought forward		$2,978,986.01
7562	U.S. Public Health Service Fund for Supply Grant for Dr. Duhl u/d Dr. Lindemann		500.00
7574	The Medical Foundation Fund for Research Fellowship for Dr. Frank Ervin u/d Dr. Lindemann		8,865.50
7582	U.S. Public Health Service Fund for Training for Social Workers in Community Health u/d Dr. Lindemann		10,781.87
7595	Sundry Gifts for Psychiatric Research u/d Dr. Gardner Quarton		
	Mrs. A. P. Berman	$ 25.00	
	Miss Charlotte B. Smith	330.00	
	Mr. Hyman Swetzoff	75.00	430.00
7629	U.S. Public Health Service Fund for Study of Emotional Factors in Children with Rheumatoid Arthritis u/d Dr. Long		15,706.00
7660	Sundry Gifts for Child Psychiatry		
	Mrs. Alvah R. Boynton		200.00
7665	Dr. Gaston E. Blom Fund for Treatment of Children with Problem of Retarded Development		
	The Apple Hill Foundation	$ 1,000.00	
	Mr. and Mrs. James H. Clark	6,175.00	7,175.00
7683	U.S. Public Health Service Fund for Training in Child Psychiatry u/d Dr. Lindemann		17,785.98
	RADIOLOGY DEPARTMENT		
7781	U.S. Public Health Service Fund for Study of the Evaluation of Routine Televised Fluoroscopy u/d Dr. Webster		9,660.00
7815	Sundry Gifts u/d Dr. Robbins		
	Dr. Walter Bauer	$ 50.00	
	Mrs. Russell G. Hemenway	100.00	
	Mrs. William Herman	100.00	
	Mr. Joseph Schuldice	500.00	
	Mr. John Sobin	100.00	850.00
7861	U.S. Public Health Service Fund for Study on the effect of AET on Thyroid Function in the Rate u/d Drs. Maruyama and Potsaid		1,955.00
	RESEARCH COMMITTEE		
7895	Gustavus & Louise Pfeiffer Research Foundation Fund For the Creation of a Position of Associate Professor in Pharmacology		7,500.00
	Carried forward		$3,060,400.36

	Brought forward			$3,060,400.36
SOCIAL SERVICE				
8070	Committee of the Permanent Charity Fund for Social Service Relief			1,750.00
8250	Ladies' Visiting Committee Fund for Social Service Relief			500.00
8280	Frances Rollins Morse Fund for Social Service Relief			
	Miss Jessie Gwendolen Morse			200.00
8400	Sundry Gifts for Christmas Presents for Patients			
	Mary A. Crabtree Christmas Fund	$	150.00	
	Mrs. Doris Sawyer Smith		10.00	
	Miss Mabel Louise Riley		25.00	
	Mrs. A. C. Wilson		10.00	195.00
8460	Helen Snow Memorial Fund for Social Service Relief			
	Anonymous			5.00
8470	Sundry Gifts u/d Miss Barbour			
	Anonymous	$	5.00	
	In Memory of Mrs. Mary A. O'Brien		5.00	10.00
SURGICAL SERVICE				
8550	Weld Surgical Instrument Fund for Purchase and Maintenance of Surgical Instruments for the General Operating Room			
	Anonymous			5,000.00
8551	U.S. Public Health Service Fund for Study of Nervous and Humoral Control of Gastric Secretion u/d Dr. Waddell			8,348.00
8552	U.S. Public Health Service Fund for Study of Nervous and Humoral Control of Gastric Secretion u/d Dr. Waddell			8,348.00
8580	The Eaton Foundation, Inc. Fund for Research u/d Dr. Weille			8,700.00
8587	Warren-Teed Products Co. Fund for Study of ILOPAN u/d Dr. Nardi			1,000.00
8592	The Medical Foundation Fund for Fellowship for Dr. Paul Kestens u/d Dr. McDermott			8,047.50
8598	American Cancer Society Fund for Clinical Research and Reestablishment and Extension of Special Clinic u/d Dr. Welch			5,221.00
	Carried forward			$3,107,719.86

	Brought forward	$3,107,719.86
8612	U.S. Public Health Service Fund for Study in Intercellular Components in Wound Healing Architecture u/d Drs. Grillo and Gross	512.16
8613	U.S. Public Health Service Fund for Study in Intercellular Components in Wound Healing Architecture u/d Dr. Grillo	3,321.00
8636	Sundry Gifts for Study of Gastrointestinal Diseases u/d Dr. Bartlett Dr. Harold I. Miller	50.00
8645	U.S. Public Health Service Fund for Study in Biochemical Changes Associated with Hepatic Coma and Diseases of the Liver u/d Dr. McDermott	2,387.00
8646	U.S. Public Health Service Fund for Study in Biochemical Changes Associated with Hepatic Coma and Diseases of the Liver u/d Dr. McDermott	8,865.46
8645	U.S. Public Health Service Fund for Study of the Liver, Portal Circulation and Biophysical Studies u/d Dr. McDermott	13,110.00
8664	U.S. Public Health Service Fund for Study of Wound Contracture and Its Effects u/d Dr. Russell	4,312.00
8665	U.S. Public Health Service Fund for Study of Wound Contracture and Its Effects u/d Drs. Russell and Sparrow	4,313.00
8675	U.S. Public Health Service Fund for Study of Early Infectious Inflammation u/d Dr. Burke	10,240.00
8676	U.S. Public Health Service Fund for Study of Early Infectious Inflammation u/d Dr. Burke	9,384.00
8681	U.S. Public Health Service Fund for Study of Serum Trypsin in Surgery of Pancreatic Disease u/d Dr. Nardi	7,911.00
8687	U.S. Public Health Service Fund for Visualization of the Pancreas u/d Dr. Nardi	3,177.00
8695	Dr. and Mrs. Claude Welch Fund for Travel for Surgical Residents u/d Dr. Churchill	2,000.00
8712	American Cancer Society Fund for Support of Dr. John Raker in Clinical Research	3,457.66
	Carried forward	$3,180,760.14

	Brought forward		$3,180,760.14
8726	Gustavus and Louise Pfeiffer Foundation Fund for Fellowship for Dr. Villegas u/d Dr. McDermott		2,300.00
8761	U.S. Public Health Service Fund for Study of Tumor Perfusion with Chemotherapeutic Agents u/d Drs. Raker and Shaw		8,340.00
8776	American Cancer Society Fund for Study of the Relation of Osteolytic Lesions in Bone to Magnesium Metabolism u/d Dr. Cope		11,907.75
8785	Alvin T. Fuller Fund for Introcardiac Surgery u/d Dr. Shaw		
	In Memory of Mrs. Bertha Pettingill		138.00
8790	Sundry Gifts for Peripheral Vascular Investigation u/d Dr. Linton		
	Mr. Horace O. Bright	$ 5,000.00	
	In Memrory of Kenneth Goss	184.00	
	Mr. John Richardson	500.00	
	Dr. John C. Ward	1,000.00	6,684.00
8804	U.S. Public Health Service Fund for Study of Peripheral Arteriosclerosis of the Lower Extremity u/d Dr. Linton		10,857.05
8820	Sundry Gifts u/d Dr. Cope		
	Mr. William Sterling Youngman, Jr.		200.00
8826	U.S. Public Health Service Fund for Study of Cardiac Muscle Composition in Health and Disease u/d Drs. Cope and Barnes		4,000.00
8827	U.S. Public Health Service Fund for Study of Cardiac Muscle Composition in Health and Disease u/d Drs. Cope and Barnes		8,000.00
	TREADWELL LIBRARY		
8910	Sundry Gifts for Use in Treadwell Library		
	Dr. Benjamin Castleman		10.00
	UROLOGY SERVICE		
8932	Sundry Gifts for Research u/d Dr. Suby		
	Mr. Frank W. Abbott		5,000.00
8980	Sundry Gifts for Urological Research u/d Dr. Leadbetter		
	Capt. E. D. M. Angell	$ 100.00	
	Dr. Edward B. Benedict	50.00	
	Mr. Frank Marcucella	200.00	
	In Memory of Mrs. Carlotta Ralens	270.00	
	Dr. B. W. Rudman	300.00	
	Carried forward	$ 920.00	$3,238,196.94

	Brought forward	$ 920.00	$3,238,196.94
	Mr. J. H. Singleton	700.00	
	Mr. Albert N. Solomon	45.00	
	Dr. L. R. Wasserman and N. W. Wolf	500.00	
	In Memory of Elizabeth Weiner	12.00	2,177.00

McLEAN HOSPITAL FUNDS

100	Director's Fund		
	Mrs. Charles A. Coolidge	$ 200.00	
	Mr. Philmore J. Haber	50.00	
	Mr. William F. Hayden	250.00	
	Mr. Gustav Hirsch	100.00	
	Miss Irene Hirsch	10.00	
	Mr. and Mrs. Harvey P. Hood	500.00	1,110.00
150	Frank Attwill Newlin Fund for the Purchase of Table Delicacies for the Patients		
	Bequest of Frank Attwill Newlin		4,660.00
195	Dane-Altschule Fund for Reserach u/d Dr. Altschule		
	Dr. Jay Pierce Ruzic	$ 50.00	
	Mrs. Dorothy D. Simonson	20.00	70.00
310	U.S. Public Health Service Fund for Study of Brain Proteins and Lipoproteins u/d Dr. Folch-Pi		13,512.00
357	U.S. Public Health Service Fund For Study of Chemistry of Brain Lipides u/d Dr. Folch-Pi		7,981.00
385	U.S. Public Health Service Fund for Quantitative Histochemical Studies Upon Cerebral Cortex u/d Drs. Pope and Hess		9,230.00
385	U.S. Public Health Service Fund for Quantitative Histochemical Studies Upon Cerebral Cortex u/d Drs. Pope and Hess		12,593.00
390	U.S. Public Health Service Fund for Fellowship Supply Grant for Dr. Joseph F. Greaney u/d Dr. Folch-Pi		500.00
402	U.S. Public Health Service Fund for Graduate Training Grant in Mental Health u/d Dr. Stanton		22,590.34
403	U.S. Public Health Service Fund for Graduate Training Grant in Mental Health u/d Dr. Kahne		9,000.00
	Carried forward		$3,321,620.28

	Brought forward		$3,321,620.28
410	U.S. Public Health Service Fund for a Cross-Cultural Comparison of Schizophrenic Cases u/d Dr. Parsons		6,463.00
411	U.S. Public Health Service Fund for a Cross-Cultural Comparison of Schizophrenic Cases u/d Dr. Parsons		5,525.00
415	U.S. Public Health Service Fund for Study of Some Personality Correlates of Perceptual Defence u/d Dr. Pierce		2,300.00
600	Sylvester Fund for Doing Over Patients Rooms		1,251.25
BUILDING FUND			
	Trustees of the Godfrey M. Hyams Trust		30,000.00
	TOTAL INCOME FUNDS		$3,367,159.53
	TOTAL PRINCIPAL FUNDS	$2,800,004.99	
	TOTAL INCOME FUNDS	$3,367,159.53	$6,167,164.52

HENRY R. GUILD
Treasurer

ONE HUNDRED AND FORTY-SECOND

ANNUAL REPORT

OF THE

McLEAN HOSPITAL

A DIVISION OF THE

MASSACHUSETTS GENERAL HOSPITAL

1959

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MASSACHUSETTS

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Alfred H. Stanton, M.D.

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Egbert Mueller, M.D.
Charles W. Neville, M.D.
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As of January 1, 1960, with subsequent appointments

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Roy Melvin Coleman, M.D.
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Assistant Instructor in Psychiatric Nursing
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Instructor in Nursing
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Report of the Psychiatrist in Chief

To the Trustees of the Massachusetts General Hospital:

The Report for the Fiscal Year Ended September 28, 1959 is respectfully submitted.

A MOST important change occurring during the past year is difficult to identify and describe clearly, but was no less real for this reason —it was the gradual and fairly rapid maturation of the clinical program of psychotherapy with its corollary extension of therapeutic alertness to involve new sets of employees and a greater skill and consistency of study and appraisal of personal issues by those already involved in direct patient care and treatment.

The change was reflected in many ways. The staff now takes a high level of effort more or less for granted in planning social and interpersonal treatment procedures, procedures which we are constantly tempted to deal with in a cursory way. There is much greater freedom in criticism and discussion of hospital policy, and the range of discussion is wider. Topics previously avoided are now explored fully and professionally. Personnel deal with the infinitely complex personal issues which are raised in any active institution devoted to psychiatric therapy with more skill and sensitivity and less tendency to skirt recognition of difficult items. Controversy about administrative and treatment issues, unavoidable and often valuable in any active institution, is more open and thoughtful. Even the criticisms of the hospital, freely voiced by patients, families, and personnel, reflect these changes; they rarely include criticisms of the staff's doing too little or its being uninterested in the patient's treatment. These are achievements of particular importance where the very substance of the major treatment efforts involves the ability to deal professionally and effectively with highly charged and intrinsically controversial personal issues of the greatest emotional impact.

But we very much need better and more objective ways of appraising these important but subtle changes. For instance, many of the hospital's long term patients have shown changes in the form of illness involving greater social participation, and the staff is able to know them as people better than in the past. Some, indeed, have been discharged to the community and are doing well. A discharge of a long term

patient is clearly the outcome of months of work involving the primary efforts of several people, supported by the contributions of a great many more; in addition, the time scale of improvement of this sort is longer than the usual ones of medical practice and is more like the time scale of a school.

And yet, precisely because methods of objective appraisal are not yet adequate for this type of treatment, it is valuable to outline our experience with a 49-year old woman, ill and hospitalized 15 years, suffering from self-isolation, feelings of insignificance and mistrust of others, who is typical of a number who have been discharged recently. While patients of this degree of chronicity often are not thought to be suitable for intensive treatment, here regular psychotherapy was instituted with great enthusiasm by a resident psychiatrist under the detailed supervision of an experienced senior psychiatrist. Gradually the patient began to change, in a quiet and natural way—abandoning her rigid talk, and beginning to show signs of restlessness. This treatment was continued for months, four times a week, and at the rate of 200 hours a year. The delusions of the patient began to be replaced by fresh bits of interest in daily life outside the limits of psychotherapy, and also in response to other hospital treatment.

While at first these "stirrings" were not major, they did show that the patient was changing. In response to the friendliness of the recreational therapists, she began to play games, and in the shops of the occupational therapists she began to fashion things of use and beauty. She started to talk more sociably to the nurses attending her on the hall, as well as to her friends among the other patients. She undertook conversations and reading in the library. She was chosen by other patients to serve on a small committee which organized a patient dance, and she took part in other patient activities. At a voluntary job doing useful work a few hours a week in the hospital, she met a volunteer from the community. Social case work with members of her family encouraged more frequent trips home and helped the family to understand both her and their reactions to her. She went to church. Another psychiatrist who was her clinical administrator saw her often and helped with practical problems and her reformulations of various activities. All the while her psychotherapist was helping her bring out characteristic strands of thought and feeling, and helping her reweave a picture of herself and others. Gradually, with a deceiving appearance of ease, the old and despaired illness faded away, and after a period of day care only, she was dis-

charged at last. A thousand small changes brought about by the broad and multiform approach cumulated to achieve an exciting end result.

Now to cite certain specific figures, which may be of some value: 290 patients were discharged from the hospital during the calendar year; 17 patients died. Of the 290, 10 patients had been hospitalized at McLean for short periods, largely as a matter of convenience, on their way to other hospitals. Of the remaining 280, 233 patients were discharged to the community and 27 patients were transferred to other psychiatric hospitals (20 of these to other private hospitals). The remainder, another 20 patients, went to various agencies, some on the way to the community. 9 patients of the 290 were discharged against hospital advice. The hospital has not had to discharge or transfer any patient because of inability to pay where there was any reason to believe that the transfer would appreciably interfere with his clinical outlook. Since the hospital encouraged readmission where this was clinically indicated, and without arbitrary limits, it seems clear that in its role as a community agency the hospital quite generally took care of its own patients and was not forced to depend upon government hospitals to an appreciable extent.

A notable part of the hospital service occurred in the new Day Care program which provides all hospital activities and specific treatments during the day for patients who are able to live in the community during the later part of their treatment. This program has grown steadily, responsive to a considerable need, and we expect it to continue to grow. It should prove a very important part of the effort to provide treatment both at less expense and under circumstances most appropriate for the particular patient.

Development of the clinical program has been accompanied, as is usually the case, by a parallel strengthening of the already strong research program at the hospital. The Biochemical Laboratory, already one of the leading laboratories in brain chemistry in the world under the leadership of Drs. Jordi Folch-Pi and Alfred Pope, was enabled to considerably increase its size through grants from the Kresge Foundation, the Hyams Trust, and the Public Health Service. The Laboratory of Clinical Physiology, under the direction of Dr. Mark Altschule, collaborated with a carefully controlled quantitative study by Drs. Stanley Eldred, Norman Bell, and Lewis Sherman; this team represented a new program in clinical psychiatric research, operating with a special ward planned to include the research program. It was made possible

by support from the Commonwealth Fund. The Department of Social Science, under the leadership of Dr. Robert Rapoport and then of Dr. William Caudill, conducted an active research program of its own and supported the new clinical program. The Department of Psychology, under the direction of Dr. Irene Pierce and strengthened by the addition of Dr. William F. Soskin, carried out active research programs and supported the new clinical psychiatric research.

The residency education program was considerably strengthened in numbers and in activities under the direction of Dr. Merton Kahne; affiliation with the neurological service of the Boston Veterans Administration Hospital was arranged during the year, and will meet a serious need. The affiliation with the program of the General Hospital, and the programs of the Beth Israel and the Peter Bent Brigham, are indications of the central importance of our program in that of the whole group of the Harvard teaching hospitals.

Finally, one of the potentially most important developments is the beginnings of new relationships directly with the community through the volunteer program under the direction of Miss Willette Pierce and with the skillful and devoted support of Mrs. Charles Coolidge. A number of persons found a way of contributing their services to the hospital during the year; their help was of value both in its own right and as a sign of the healthful growth of mutual aid between the hospital and the surrounding community.

The year also brought with it increasing costs in almost every one of its expenses, but particularly in salaries. The investment of personnel time in patient care is an essential ingredient of the hospital program and can be replaced only to a strictly limited degree without interfering with the level of its clinical program. The assured level of patient care remained its strongest asset, but this could only be maintained by continuously increasing expense.

ALFRED H. STANTON, M.D.
Psychiatrist in Chief

Report of the Administrator

THE past year has been marked by further reorganization of the administrative work of the hospital, by consolidation of changes previously made, and by thoughtfulness about needs to be met in the future.

The hospital was designed and built in the late nineteenth century; its buildings are separated by considerable distances and the nursing units are small. This is not conducive to the most efficient use of nurses in their work in caring for patients, and creates considerable difficulty because of the problems of transportation, communication, and errand running between buildings. There is an enormous amount of maintenance to do on the hospital plant. Various studies have made it appear that it would probably be more efficient and more effective to replace a large part of the present hospital plant, instead of carrying out the large-scale renovation that would be necessary.

Aside from the problem of the plant, the hospital continues to struggle with the problem of increasing costs of hospital care. In this respect the problem is similar to that of general hospitals and other private psychiatric hospitals. The budget for the forthcoming year anticipates expenses greater than $3,000,000. These expenses must be made if services to patients are not to be curtailed. The increases arise from several sources; most prominent is the requirement to increase salaries; the next is the necessity of making certain expenditures for maintenance.

It has been found necessary to increase the basic daily patient rate from $30 to $38 a day. Although this rate is not especially high in comparison to charges made by general hospitals, it creates a special burden on psychiatric patients because of the greater length of the average stay in a psychiatric hospital. Although more of the patients at the McLean Hospital have insurance plans which give them varying degrees of reimbursement than was the case formerly, insurance does not yet cover an extremely large proportion of the average cost of hospitalization here.

An Equipment Purchase Committee was initiated during the past year. This committee is composed of members who represent various departments and services in the hospital, and whose combined judgment

has been used to good effect to give basic advice upon expenditures for new equipment.

Several projects were carried out during the year — the largest was the renovation of the third floor of the Administration Building in accordance with plans drawn up by an architect, at a cost of about $29,000. The rooms were renovated, soundproofed, and made attractive by use of more modern decor. This area is being used primarily by social workers and psychologists, who interview patients and their relatives. Another project was the renovation of a large room on the second floor of the Administration Building, an office area for secretaries of the physicians of the hospital. Several rooms on a few halls were outfitted as double rooms by the purchase of new furniture to make better use of the space available.

The Maintenance Department did much to keep pace with new maintenance needs as they became apparent. On the other hand, basic and long-standing needs for basic maintenance make it impossible for a moderate-sized maintenance department operating on a moderate budget to make significant reductions in those needs. Nevertheless, various leaking roofs were repaired, and the bricks of several buildings were repointed. Several buildings were painted on the outside. The inside of several of the patients' residence halls—Proctor I and II, and Wyman—were repainted. Several tunnel roofs were repaired and blacktopped. The Maintenance Department was able to convert several alcoves on halls into physicians' offices. A 2½" hot water main was installed in the power house, and a new 1,500 gallon hot water heater was purchased and put into operation. Five new hydrants were installed. There were several electrical improvements: the transformer room was enlarged. New switch gear and a 300 KVA transformer were installed in the room; a 200 amp A.C. line was put in from the Service Building to the Administration Building.

The Department of Grounds and Transportation attempted to deal with the problem of parking for the increasing number of vehicles on the hospital grounds. Despite the lack of sufficient funds allocated for adequate parking areas, limited improvements were made. The Bowditch parking lot was enlarged; together with the Codman lot it serves to provide large areas for parking cars. These are not ideal because they have not yet been paved. A small paved parking area was constructed near the Chapel, but the principal problem continues to be that of parking near the Administration Building. The Department

made some improvements in its mechanical equipment. A power-driven brush cutter was acquired. An ingenious machine was developed within the Department to gather up leaves from areas on the roads and grounds. This was constructed on the principle of a large vacuum cleaner. The hospital automobiles have been used less frequently for rides for patients, but they have been used more for routine hospital business, such as delivering laboratory specimens to the Massachusetts General Hospital.

The overall organization of the Dietary Department was simplified. This resulted in a reduction of the number of personnel needed, elimination of all split hours of duty, and the establishment of more clearly defined supervisory responsibilities. A large project was started in the improvement of the kitchen. It has been painted, and the floor has been regrouted. Some items of kitchen equipment have been replaced. A food service room has been established, making it possible to relieve the crowded conditions behind the counter in the employees' cafeteria and to merge the work of the serving out of food for the cafeteria with that of the ward food service.

The record keeping of the Dietary Department has been simplified. A six-weeks purchase order has been formulated, based on a rotating menu, making possible repetitive purchasing from the market. The therapeutic dietitian has represented the department at hall meetings to bring about a stronger liaison between the Nursing Department, the Dietary Department, and the patient. Planning has been done towards organizing central feeding of patients. If achieved this could be expected to result in savings and a selective menu for patients.

The Purchasing Department has put into operation uniform accounting procedures with the institution of a stock inventory system embracing five categories of stock under perpetual inventory. There is a printed stock catalog and a new requisitioning system. The storeroom operation was a sizable project. Stores have been centralized into one layout, saving manhours. There is a new shelving system. This has helped with the simplification of, and standardization of, stock items. There is need for further improvement for problems of bulk storage of materials which have not been included in the centralized storeroom.

In the Housekeeping Department there has been some improvement of the available machinery. Three dishwashers have been installed on halls, and some new vacuum cleaners have been obtained. The Department has continued to suffer from shortage of personnel and the high rate of personnel turnover.

The Laundry was able to achieve an overall reduction of labor and "ironer" hours, while at the same time giving better service. The new quota system for linen control has been found to be quite satisfactory. Another improvement has been made in procedure with the elimination of some of the handling. Towels, sheets, and similar items have been wrapped in bundles of 20 pieces. This facilitates handling and keeps linen from being contaminated. Marking machines have been used for linen and patients' clothing. The Laundry Department has been quite successful in using the services of several patients in the hospital to help do the work.

The Pharmacy operated again upon a sound financial basis. A total of 24,145 prescriptions was filled, representing an increase of 4,956 over the previous year. There has been an increased program of prepackaging to save time. An emergency cabinet has been set up to provide supervisors and physicians with ready access to the drugs that they need during hours that the pharmacy is closed. The handling of some clinical items has been transferred to Purchasing and Stores: for example, thermometers.

The Medical Records Department is again headed by a registered medical record librarian, Mrs. Jean Poor, who arrived in March 1959. Later in the year the Secretarial Service for professional persons was placed under the direction of the head of the Department of Medical Records.

The Personnel Department has continued to find itself confronted with a labor market scarcity. There have been fewer applicants for work at the hospital despite intensive recruiting efforts.

The most detrimental effect of this has been upon the Housekeeping and Dietary Departments. The termination rate for the hospital has been about the same as the previous year, but it continues to be too high—351 employees separated during the year; 537 out of 595 existing jobs are filled. 378 of 1,682 persons interviewed were hired, or 29.1%. Low salaries have been upgraded to comply with the Massachusetts Wage Commission. Time and one-half for work over 40 hours a week is now given for all except professional, administrative, executive, and supervisory personnel. There has been work on personnel policies towards more clearly stated and uniform policies for most personnel. There is now a standard of ten holidays a year and a uniform calculation date of vacations (May 1).

There has been an improvement in certain operations of the Personnel

Department; a Kardex system of essential data on personnel has been put into effect, and other improvements in record-keeping have facilitated the clerical work. More information about the personnel turnover rate is needed, since a high turnover rate indicates that personnel cannot be used in an efficient manner. Grievance and Exit interview procedures are needed together with analysis to make the information useful. Service pins were awarded at a dinner for 54 employees who have worked for the hospital for 10 to 50 years each.

A new group of 100 intra-hospital telephone lines was installed, bringing the total number of lines to 200, together with the installation of necessary equipment with the lines. This represents one step in a program looking toward the installation of many more lines and the relocation of all equipment in a newly constructed room. A two-position switchboard was installed on May 1, having been needed for a long time to relieve the overloading of the old one-position switchboard. The new switchboard was installed in a newly-constructed area in the Administration Building, providing a better location for the operators.

The McLean Hospital participated in the Belmont Centennial celebration in June. The hospital entered a float in the parade which won second prize, and it held an open house which was attended by many persons who had never visited the hospital before.

A Director of Volunteers has been employed, Miss Willette Pierce. The development of the Department of Volunteers is looked forward to as a method of strengthening the relationship with the community and securing valuable supplementary services of various sorts for help in administrative areas, patient areas, and service areas.

A Director of Publications, Mr. Baird Hastings, has been employed and will start his work here in the following fiscal year. He will be involved not only in the work of preparation of hospital brochures, newsletters, and other publications but also in the general work of community relations.

I am privileged to submit this report in the absence of Mr. Joseph T. Prekup, and to assume the responsibility of the office of Administrator during Mr. Prekup's absence on sabbatical leave between September 1959 and May 1960. Mr. Prekup has, after his several years of service, been given leave to pursue studies in the program of Hospital Administration, Department of Public Health, Yale University.

Respectfully submitted,
WILLIS H. BOWER, M.D.
Acting Administrator

McLean Hospital

Comparative Operating Statement Fiscal Year 1958-1959

	1958-1959	1957-1958
Patient Days	84,265	75,542
Average Daily Census	231	207
Percent of Occupancy-Capacity (266 Beds)	87	78
Income:		
Routine Income—Room and Care	$2,570,958.00	$2,253,904.21
Income from Day Care and Out Patients	15,557.67	3,618.00
Other Patient Income	290,403.08	243,396.48
Other Non-Patient Income	145,822.78	150,468.85
Total Operating Income	$3,022,741.53	$2,651,387.54
Deductions from Income:		
Free Service—Room and Care	$ 290,728.70	$ 177,425.00
Courtesy Allowance	24,436.00	17,094.00
Free Service—Special Nursing	15,338.13	—
Provision for Bad Accounts	—	29,900.00
Provision for Rate Reduction	—	6,500.00
Total Deductions from Income	$ 330,502.83	$ 230,919.00
Net Operating Income	$2,692,238.70	$2,420,468.54
Expenses:		
Salaries & Wages	$1,865,378.14	$1,717,030.93
Supplies & Other Expenses	888,222.07	872,609.19
Real Estate Taxes	29,298.40	28,192.80
Total Expenses	$2,782,898.61	$2,617,832.92
Operating Deficit	($ 90,659.91)	($197,364.38)
Reserved for Contract Commitments	($ 10,928.50)	
	($101,588.41)	($197,364.38)
Treasurer's Income	$ 52,022.91	$ 60,449.06
Less Treasurer's Expenses		
Insurance	7,310.03	7,225.19
Corporation	6,242.61	5,442.37
Extraordinary	—	3,000.00
Net Treasurer's Income	$ 38,470.27	$ 44,781.50
NET DEFICIT	($ 63,118.14)	($152,582.88)

McLean Hospital

BALANCE SHEET

As of September 27, 1959

ASSETS:		
Cash		$ 5,079.78
Accounts Receivable	$ 426,583.35	
Less: Reserve for Doubtful Accounts	9,010.29	417,573.06
Inventories: September 27, 1959		
Coffee Shop	1,823.25	
Dietary	8,859.04	
Maintenance	28,155.54	
Pharmacy	9,125.47	
Sewing Room	5,667.78	
Storeroom	9,824.40	63,455.48
Prepaid Expenses		10,928.50
TOTAL ASSETS:		$ 497,036.82
LIABILITIES:		
Accounts Payable		19,201.40
Reserve for Contract Commitments		10,928.50
Reserve for Rate Reduction		13,910.71
Improvement & Alteration Reserve		44,602.80
Fiduciary Exchange Accounts		31,514.62
Patients' Advance Deposits		29,045.00
Treasurer's Equity—September 28, 1958	250,205.72	
Add: Cash from Treasurer	350,000.00	
	600,205.72	
Less: Operating Deficit $101,588.41		
Research Expense 150,783.52	252,371.93	
Treasurer's Equity—September 27, 1959		347,833.79
TOTAL LIABILITIES:		$ 497,036,82

Report of the Clinical Service

REPORT of the Clinical Service of McLean Hospital for 1959 depicts an expansion and maturation of previous reorganizational advances. These were begun three and a half years ago, and were effected with thoroughness and thoughtfulness. The emphasis of this report will not be on the detailed structure of the clinical program, as in previous reports, but will be on the broadness of the clinical operation and its quietly revolutionary effect on a variety of patient illnesses. The hospital is now able to have an extensive, multiform treatment for each patient which is far more effective than isolated treatments. Brief case references may illustrate some staff aims.

A patient admitted with an acute mental break requires much work of the staff. Such was a man of 23 years admitted this year who had come into conflict between parental expectation and his actual small accomplishments. He was excited with a false feeling of freedom; but underneath very afraid, and his overactive behavior might have brought on him a hospital treatment of restraint and incarceration. But instead he is given a considerate greeting, as many freedoms as he can tolerate in his turmoil, and casual activities he can manage. Immediately there is started a scientific study of his illness and personality which takes several weeks of work. Conference recommendations are talked over with family and referring physician. Interim problems are solved, the rehabilitation starting on admission. He is helped by association with other patients, by tranquilizing drugs, and by nursing. Intensive psychotherapy is started despite the presence of acute disturbance. The resolve is that this acute patient will avoid chronic illness, and will be better than before he fell ill. The moves are effective and he has a rather abrupt recovery from his psychosis. Much improved on discharge, he wisely continues his long term psychotherapy to gain a protective maturity.

We may contrast two other patients who require different ways of care. One is an 86-year old woman admitted with failing memory, and the other patient is a girl seventy years younger with emotional confusion. The octogenarian settles in and relies on the nursing of her physical health, is best content with a regular routine. The young patient requires a great variety of opportunities for involvement in activity. But the young patient is similar to the old in that both require

in their confusion an alert and sympathetic ear to their words and a response which they can feel is warm and personal. Confusion has not lessened their need for other people but increased it.

Emphasis has been placed in recent years on the "open" hospital, but McLean has not tried to follow this mode. Rather it opens or closes doors individually for each patient. It provides degrees of physical supervision and protection. A hundred patients have ground privileges, most patients admitted become voluntary, many patients visit in the community. The hospital will allow a patient to resume life in the community as indicated by his health. It is developing a Day Care Service slowly, and has increased the number of patients from 9 to 22 during the year, with further expansion in prospect.

Previous reports have stressed the actual structure of the clinical service which effects the work; and now there is only space to note some of the changes that have occurred during the year. There has been an expansion of the psychiatric staff. The number of psychiatric residents was increased to fourteen, plus two clinical fellows. There were fifteen senior psychiatrists of all grades, about half of them full time, who worked with various clinical and administrative problems, most of these being clinical administrators in charge of fifteen to thirty patients. There were also twenty-five other psychiatrists teaching or giving psychotherapy a few hours a week.

The most notable change during the year is again in the area of intensive psychotherapy, the most helpful tool for the influence of mental illness. The patient's broad inner personality structure and outward adaptation are sympathetically affected by the thoughts and feelings of the treatment hours. Treatment hours were tripled in 1959 over 1958. Whereas last year there were 118 hours a week of intensive psychotherapy in the whole hospital, this year it became 357 weekly. Treatment was received by approximately 96 in-patients and 25 patients on Visit or Day Care concurrently, an unusually high number for a hospital of 250 patients of all diagnoses. This work was done at the rate of 77 hours a week by residents, 78 hours by inside staff physicians, and 202 hours by outside and attending therapists.

Changes in residency education have been largely qualitative improvements of the system, which includes fifteen to twenty weekly conferences and exercises for residents. More attention was paid to the introduction and initial training of the resident with the effect that they were more rapidly and happily oriented. The writing of their intensive psychiatric evaluations has been more valuable since more closely supervised. Each

resident has been provided with two full hours a week with a senior psychiatrist for psychotherapy supervision. Group psychotherapy by residents has expanded. Residents carried an average of two cases in intensive long-term psychotherapy. They did a great deal of clinical administrative work as assistant administrators on all the halls. Residents doing the evaluative study on new patients gave a great deal of brief psychotherapy to patients in the first weeks of admission which is an important help since half the patients leave within two months or before long term psychotherapy is instituted. The presentations at clinical conference by residents have been more scholarly. The journal club for residents has been very active, meeting every week with a series of senior discussants of the literature.

Average patients per day in the hospital increased from 207 in 1958 to 231 in 1959, and those admitted from 261 to 333—this brings about a twenty percent increase in clinical work. Half of the discharged patients had not required more than evaluation and brief treatment and were discharged within two months (thirty per cent within one month). This indicates the very heavy load thrown on the two clinical administrators under whose direction over 300 of the new cases were admitted and treated in the first weeks.

There were seventeen deaths during the year of the diseases of old age. The diagnoses of discharged patients covered about the same range as last year, and the condition on discharge was essentially the same, though there was a slight tendency noted that a few more patients were discharged in better condition.

This report does not detail the Research Program. It likewises does not give the changes in the many departments which will render independent reports, though the clinical contribution of these has been notable, namely: Internal Medicine, Psychology, Social Science, Psychiatric Social Work, Activities Therapies, and the Nursing Service.

The staff is deeply appreciative for all those efforts which helped to support the expanding clinical program. It is a little unusual to express appreciation to patients and their families for their belief in the hospital, but such confidence has been increasing and it greatly helps in the work. Particularly do we feel fortunate to have a helpful and understanding Board of Trustees with the special McLean Committee making possible our clinical efforts.

Respectfully submitted,
PAUL M. HOWARD, M.D.
Associate Psychiatrist in Chief

McLean Hospital

Statistics for Fiscal Year Ended September 27, 1959

	1959	1958
Patients in Hospital at the Beginning of the Year	212	212
Patients on Visit	11	14
Total	223	226
Average Number of Patients Per Day (In Hospital)	231	207
Patients Admitted During Fiscal Year	333	261
Patients Discharged During Fiscal Year	306	264

Diagnoses on Discharge:

Chronic Brain Disorders:		28
Disorders of Late Life	26	
Other Types	2	
Acute Brain Disorders:		13
Acute Alcohol Intoxication	5	
Drug Intoxication or Poisoning	4	
Other Types	4	
Affective Reactions:		52
Manic Depressive Reaction, Manic Type	14	
Manic Depressive Reaction, Depressive Type	13	
Manic Depressive Reaction, Other	2	
Psychotic Depressive Reaction	13	
Involutional Reaction	10	
Schizophrenic Reactions:		83
Acute Undifferentiated	12	
Schizo-affective	12	
Hebephrenic	2	
Catatonic	7	
Paranoid	35	
Simple	2	
Chronic Undifferentiated	13	
Psychoneurotic Disorders:		59
Depressive Reaction	47	
Other	12	
Personality Disorders:		65
Alcoholism	16	
Other	49	
Transient Personality Disorders:		2
Other		2

Conditions on Discharge

	1959		1958	
	No. of Patients	*% of Total*	*No. of Patients*	*% of Total*
Recovered	11	4%	2	1%
Much Improved	41	13	25	9
Moderately Improved	122	40	124	47
Slightly Improved	60	20	39	15
Unimproved	55	18	42	16
Worse	0	0	4	2
Deceased	17	5	28	10
Total	306	100%	264	100%

Voluntary Patient Organizations

THE voluntary patient activities have continued during 1959 with renewal of interest as their membership changes with new patients and as different activities have evolved. This report will place these in perspective with other hospital activities to indicate their significance. It is somewhat original that they should be given the departmental status of having an Annual Report when they have no place in the organization of administrative or clinical authority; but this gives evidence to an aspect of treatment at the hospital which is of clinical importance. There is an unwritten ideal accepted by the professional staff and the patients that the latter do well to become personally involved in social activities from some stirring of interest in themselves. It may be found that this involvement has a neurotic aspect which must be illuminated in therapy, but again it may have recreative value to the patient's ego. As a consequence patients are not militarized but follow the course of the evolution of their interests. Many patients when they leave the hospital describe the procession of social interests as having come to them in the following sequence:

On admission the patient is very preoccupied with confused or painful thoughts and either pays little attention to his reception or reacts in some very individual way. He is often having difficulty with his outside personal and business relationships due to the illness and needs rest and rehabilitation before entering his usual community again. Very shortly after admission he begins to be involved in two directions. He begins to make shipboard friendships with other patients, exchange confidences and thus begin a group association of great value in his illness. He hears from other patients many things about the hospital including the partial truth that "you must ask for what you want" from the staff. In the meantime the staff are offering their technical and personal association which is individually thoughtful and of great influence because sorely needed during the illness. Very sick patients must rely heavily on the skill of staff for their personal associations. The Activities Therapies and the Nursing Department do this work, there being practically no feeling of personal association with physicians aside from their professional remarks. The involvement with Nursing and Activities Therapies Departments goes on strongly for a time especially if the patient is quite ill. The exchange with other patients may continue only on the

personal level or may branch into one of the Voluntary Patient Organizations. In the latter event a range of possibilities includes: committee work or participation in social or cultural events (Patient Activities Association); sharing in the important group experience of the Hall Meeting in which patients develop ways of living and social activity directly on the hall; participation in the formation of Staff-Patient opinion (at the Patient-Personnel Conference); working on a social study group (Group on How Patients Spend their Time); or belonging to one of the more independent groups such as the Writing or Drama Group. The patient is usually inolved in a social clique or two and has countless informal contacts with staff and patients in the coffee shop and gymnasium. Often by now he has a voluntary job in some hospital department, working usefully a few hours a week. Participation in group therapy has its socializing aspects. There seems to be little negativistic activity, socially, but destructiveness is expressed socially by some patients as they arraign their regressive feelings from childhood against the Authoritative or Tender-Living-Care roles of the nurses and doctors. Participation in the voluntary activities seems to channel some of this energy in more constructive ways since the patient has a role that is less dependent and demanding.

For some time before discharge there is a dropping of interest in the hospital activities, and to the puzzlement of many the patient may become rather idle in the hospital. This frequent occurrence is because his attention has turned to interests outside the hospital. The relatives have been visiting all the time, and have been helped with their problems by the Social Worker who also sees the patient about rehabilitation first within then outside the hospital. When actually discharged the patient is feeling well about being in the community, but may continue association with the hospital on Day Care for a time.

This narration of the evolution of an average patient's social interests is to show how the voluntary organizations fit in as a part of his experience here. They have no consciously directed therapeutic purpose in the patient's mind, but indirectly they have a therapeutically important influence in turning his interest alloplastically outward.

There will be very brief mention of concrete aspects of the voluntary patient activities. There have been few formal changes during the year, but there has been a steady level of productivity. There have been a few parliamentary changes. Sometimes the old stalwart members of

the groups carry on, and sometimes the "new-blood" members rush in for revitalization. The Hall Meetings have been sporadically more active, especially with social events on the halls, but only a few of the halls at one time have them, and it is difficult to keep initiative alive since no one is responsible and they have no plan or organization. A sub-committee of the Patient-Personnel Conference wrote a pamphlet for new patients. The Conference has taken up what seems an important interest namely to inject into the atmosphere of the hospital the norm that a patient should not be idle and irresponsible to all but himself and his "mental health", but should be obligated to carry out some work—even common work—or to join with others in "a purpose together." This topic was discussed by patients and staff on theoretical grounds and by reviewing the set-up in other hospitals. Then a barrage of opinions was expressed by the conference to support the idea of "expected useful activity" for patients. When "natural" social expectations of work and purpose exist then patients find that they relieve the boredom, idleness, and day-dreaming which afflict so many; but an increase in authoritarianism forcing activity does not help.

There have been two culturally outstanding productions by patient creativity and participation this year. The first came from the Writing Group which stimulated the writing of poetry by six to eight patients, some of this being published in the McLean Gazette. Leadership was by a patient, and all joined in weekly writing and criticism. Also having very high morale was a drama group (eight patients and four staff) who acted the play "Close to Home," a lyrical, satirical musicale. Music was written by one patient, and book and direction were assured by another. This play about the hospital was given before about a thousand people, had an engagement tour to another hospital, and apparently has a fair chance for a professional future. There is a feeling of self-respect and warm interest in other people left as a residual after having participated in the morale of such groups.

Respectfully submitted,

PAUL M. HOWARD, M.D.
Associate Psychiatrist in Chief

Report of the Director of Internal Medicine

DURING the year covered by this report the health of the patients in the hospital continued to be as good as before; actually one patient fewer than last year died of disease. As usual the deaths were due to the incurable conditions associated with advanced age. The hospital continues to be fortunate in its freedom from serious infectious diseases. As was noted in last year's report, the institution of regular medical ward rounds has been responsible for improvement in medical care. It is still true, however, that some of the psychiatric staff are remiss in not taking advantage of the fact that these ward rounds are excellent teaching exercises. A resident in medicine is still needed.

The prescriptions for drugs for patients numbered 21,763, an increase of 40 percent. This was due in part to increases in the use of drugs that affect mental processes. X-ray examinations received by patients numbered 776; this is more than for last year, but about the same number as the year before. The proportions of this number devoted to the various organs was about the same as for earlier periods. The number of electrocardiograms and basal metabolism tests, respectively 147 and 12, was about the same as last year's totals.

Employees received 626 X-ray examinations and 49 basal metabolism tests as against 714 and 36 respectively last year. The employees seem to have had less heart disease but more obesity in 1959 than in 1958. However, they required 2472 prescriptions for their minor illnesses, an increase of 44 percent. Dr. Calkins continues to maintain her efficient aplomb in spite of the increasing demands of the Employee Clinic and of her own family. The nurses in the Clinic deserve every praise for their loyalty and competence under the trying conditions of their work.

A special note should be made about the pharmacy. Constructed a year ago, it is already beginning to be inadequate in certain respects. Mr. Zager was without assistance for about a third of the year, but nevertheless was able to fill 40 percent more prescriptions, and also continued to maintain his supervision of the storage and handling of drugs on the wards. He has, however, been unable to carry out extra projects, and actually he should not be required to maintain his present load without help.

Mr. Herbert Davidson continued his competent handling of X-rays,

basal metabolism tests, and electrocardiograms. His skill in persuading patients to submit to these tests—which often are frightening to them—is unsurpassed anywhere and equalled in very few hospitals. Mr. Davidson's skill has come to be taken for granted as a McLean tradition.

Mr. Joseph N. Giancola, the Clinical Laboratory technician, continues to deserve every praise for his competence and devotion to duty.

Respectfully submitted,

MARK D. ALTSCHULE
Director of Internal Medicine

Report of the Director of Research in Clinical Physiology

AS before, the main work in this laboratory lay in two main fields; in addition an exploratory study in one other was undertaken.

1. *Studies on the metabolism of indoles and other substances related to epinephrine metabolism.*

Dr. Allan Hobson showed that psychotic patients excrete abnormally large amounts of indoles in the urine. His findings corroborated and extended the observations of others. The significance of the findings is not completely clear and the results must be interpreted with caution. The method Dr. Hobson used gave no indication that psychotic patients excrete indoles specific for mental disease; however, there was no evidence that they do not. The interpretation of the findings in patients with any disease must take into account the fact that such non-specific conditions as malnutrition, constipation, and perhaps stress cause increased indole excretion.

Mr. Richard Veech, using a different approach, showed that psychotic patients excrete increased amounts of substances related to epinephrine (and its possible precursors). Here, too, an important source of error lies in the fact that vitamin B_6 deficiency causes similar results with his crude test. However, this factor apparently was ruled out in Mr. Veech's studies. Moreover, urines obtained from very sick patients in a general hospital showed that patients with non-psychotic diseases did not excrete abnormal amounts of these substances. Attempts to make the test more specific and more precise are in progress. Mr. Veech's test detects, among other things, adrenolutin and also some of its metabolites. Adrenolutin (or one of its derivatives) seems to be hallucinogenic.

2. *Studies on the Pineal Gland.*

Studies in rats continued, and it was shown that injection of extracts made from the gland depresses secretion in the hypothalamus. Since certain hypothalamic nuclei regulate pituitary function, it now appears that the previously reported depression of gonadal function observed in injected rats might be due primarily to a hypothalamic change. Pinealectomy was found to cause the opposite changes. These studies were

made by Dr. Roth of the Medical School, by Richard Wurtman, also of the Medical School, and Mr. Gilman Grave, of Harvard College. These workers also showed that pineal-extract injection and pinealectomy cause opposite changes in the subcommissural body; this structure apparently regulates aldosterone secretion.

Attempts to isolate the active material in the pineal extract made little progress, and actually were suspended for months at a time. Studies of this sort require access to patients, which again was granted by the staff only occasionally. Fortunately, extensive well-organized studies on this problem are now in progress in several institutions in North and South America and Europe, and it may be anticipated that workers in those institutions will achieve success in due time.

The double-blind study of the clinical effects of pineal extract referred to in last year's report was completed by Drs. Eldred, Sherman, and Bell. The results showed that pineal extracts cause no changes different from those caused by a placebo in lobotomized schizophrenic patients who have been psychotic for 3 decades. It might be interesting to study the effects of such extracts in patients the duration of whose illness is not measured in decades.

3. *Studies on certain blood enzymes.*

Previous studies made here showed no abnormalities in the blood enzymes studies earlier in patients with mental diseases. An exploratory study has been made in cooperation with Dr. Julius Goldbarg of the Beth Israel Hospital, on three additional enzymes; glucuronidase, glutaminase, and leucine-aminopeptidase. The blood samples for this study were obtained when blood tests for other purposes were ordered by the clinical staff. The results show that mental disease, except for anorexia nervosa, is associated with no abnormality in these enzymes. The results also show that most patients, who receive phenothiozine derivatives and who have no clinical evidence of jaundice and no evidence of disturbed liver function by the conventional tests, do show signs of a change in hepatic function in the form of elevated blood glucuronidase activity. The significance of this finding is not yet evident.

Respectfully submitted,

MARK D. ALTSCHULE, M.D.
Director of Research in Clinical Physiology

Report of the Director of Scientific Research

DURING 1959, and in anticipation of the interference of construction with the work of the Laboratory, the staff remained essentially unchanged. Thus it consists at present, as it did a year ago, of six M.D.'s, four Ph.D.'s, six research assistants, two laboratory assistants, and one secretary.

For current operations, the Laboratory received during the year $78,000 from the U.S. Public Health Service, and $56,707.75 from the Ford Foundation. It also received a grant of $30,000 from the G. H. Hyams Trust for the purpose of increasing by *ca.* 1500 sq. feet of unfinished space the addition to the Laboratory building which is at present in the process of construction.

With the grant from the G. H. Hyams Trust, a total of $316,865 became available for construction. Plans were completed for the addition of a 90 foot extension to the east of the present building, and construction began during October. The addition will be structurally the mirror image of the present structure. It will provide 8,170 square feet of new space, of which 4/5 will be finished and ready for use, and 1/5 will be unfinished. Part of the unfinished space is reserved for the housing of the library, when funds become available to cover the cost of moving it from its present inadequate quarters.

The scientific work done during the year was reviewed by the Advisory Committee on January 29, 1960. The following is a summary of the results reported.

Biochemical Studies

The work carried out has been the continuation and expansion of earlier studies. It has dealt especially with the chemistry of proteolipids and their distribution in the nervous tissue; with the chemical composition of human brain, both normal and with manifest pathology; with the chemistry of the antigen(s) responsible for allergic encephalomyelitis; with the chemistry and metabolism of phosphatido-peptides and of inositol; with the metabolism of brain proteins, and other amino acid-containing components; with the metabolism of the carbohydrate moieties in brain lipids; and with the chemical composition of rat brain during development.

In the case of proteolipids, Drs. Folch and Lees have studied the constituent amino acids and lipids of the relatively pure preparations of total white matter proteolipids that had been obtained by the already reported emulsion-centrifugation method. They appear to consist of about 2/3 protein and 1/3 lipid. The protein moiety contains mainly monoaminomonocarboxylic acids, and is rich in sulfur-containing amino acids and, presumably, in tryptophane. The lipid moiety consists of a mixture of only certain phosphatides to the exclusion of others.

The study of the distribution of proteolipids in the nervous system by Dr. Amaducci has revealed marked and consistent differences in the proteolipid content of different anatomical areas.

The continuing study of the composition of normal and pathological brain tissue by Dr. Lees has increased the store of information available on the chemistry of the leucodystrophies, and on the composition of human brain at different ages.

The study of the antigens causative of allergic encephalomyelitis has dealt mainly with the petroleum ether soluble antigen described by Lipton and with the definition of possible differences in susceptibility to the antigens between rabbit and guinea pig. This work is a collaborative effort of Dr. Lees, Dr. L. Amaducci, and Dr. B. Waksman of the Department of Neurology, Massachusetts General Hospital.

The study of phosphatido peptides by Dr. LeBaron's group has been concerned mainly with the influence of the conditions of preparation upon their composition, and with the metabolism of the constituent P and inositol. The results obtained show consistent differences in composition according to the procedure followed and suggest practicable ways of distinguishing between the factual and the artifactual in this curious group of fast turning complex phosphatides. The study has been complemented by similar studies on other tissue fractions.

The metabolic studies of Drs. Gaitonde and Hauser have proceeded during the year along the broad lines initiated during 1958. They have both spent a considerable amount of time adapting methods of isolation and analysis to metabolic work and also developing new methods. The result has been the elaboration and validation of the basic scheme of tissue fractionation which has been in use in the laboratory for some time. With the techniques thus made available, Dr. Gaitonde has followed the fate of administered ^{35}S-methionine in different brain tissue fractions. He has been able to define different pools with various rates of turnover and to sketch possible metabolic pathways of methionine.

Dr. Hauser continued his studies of the metabolism of carbohydrate moieties constituent of structural components by following the incorporation of glucose-U-C^{14} in the same nervous tissue fractions studied by Dr. Gaitonde and also in other tissues. He has found that the pattern of incorporation in brain is different from that found in some other tissues. He has also initiated a more specific study of the metabolism of inositol which is complementary to that of Dr. LeBaron's group.

Finally, Dr. Greaney has been studying the composition of rat brain during development. The study is much broader than earlier similar studies in various species. Thus the results in part confirm earlier observations but in part are yielding information in areas not investigated hitherto.

Neuropathological Studies

(This part of the report prepared by Dr. A. Pope.)

During 1959, applications of the principles and methods of quantitative histochemistry to problems in experimental neuropathology have continued under the general direction of Dr. Pope.

An omnibus study has been resumed upon the regional quantitative histochemistry of certain enzymes in rat nervous system in relation to protein, lipid, and nucleic acid contents. Experiments have been completed on the activities of acetylcholinesterase, lipase (vs. tributyrin), and esterase (vs. methylbutyrate) in rat cortex, cerebellum, brain stem, and spinal cord. These have been supplemented by repetition, in some instances, of earlier analogous experiments on dipeptidase activity (vs. L-alanylglycine), as well as by parallel determinations of total protein, total lipid, and both pentose and deoxypentose nucleic acids. The results have shown that, when measured with respect to the total protein, proteolytic activity is essentially constant in all of the regions studied, AChE is highest in brain stem, and both lipolytic enzyme activities are greater in cortex and cerebellum than in other regions, though the absolute activity of both is quite low. None of the activities can be correlated with either the DNA content (an indication of cell number) or that of PNA.

Comprehensive study of the biochemical architecture of normal and pathological human cerebral cortex has continued to receive major attention. Contributions during 1959 to this long-range project have included experiments on the intralaminar distribution of lipase (tributyrinase) activity in normal frontal isocortex and of AChE, L-alanyl-

glycinase, and tributyrinase activities in the same region in a case of Jacob-Creutzfeld disease.

However, attention has continued to be focused chiefly on development of methods for analysis of structural compounds (protein, lipid, and nucleic acid fractions) in microgram sized samples of brain tissue that will enable analysis of their quantitative intracortical profiles. These methodological and structural studies have, as in the past, been directed and performed by Dr. Hess, assisted by Miss Thalheimer and Mr. Rolde, Harvard Medical School III. Work has now been completed on ultraviolet absorption methods for micro determination of nucleic acids and further validation provided by parallel measurements of nucleic acid phosphorus. During 1959, particular effort has been directed toward development of a method for determining the sialic acid component of the mucolipid fraction in brain (strandin, gangliosides) having the requisite sensitivity for measuring the distribution of this class of compounds within the layers and sublayers of human cortex. It has been found that under conditions which promote the decarboxylation of sialic acid a product is formed which will couple with diaminobenzoic acid to yield a fluorescent complex. The concentration of the latter can then be determined by photofluorometry with a high degree of precision which at present enables measurement of the free and bound sialic acid in 50 micrograms or less of human brain.

Dr. Dreyfus has continued his studies on the quantitative histochemical aspects of experimental thiamine deficiency. In addition to completing a large series of experiments on the regional microchemistry of total thiamine distribution in normal and depleted rats, he has embarked on development of micromethods for assay of enzyme systems in which diphosphothiamine is known to be an essential cofactor (α-keto acid decarboxylases, transketolases). Particular effort has been given to development of a procedure that measures the transketolase activity involved in reactions constituting the pentose cycle. Micromethods for determination of pentoses, sedoheptulose, and total hexoses after incubation of microhomogenates in the presence of excess pentose are being utilized, and optimal conditions for the reactions involved determined. In this way, the rates of disappearance of the pentose substrate and of formation of products for which the thiamine dependent transketolase reaction is necessary are estimated and an indication obtained of the overall activity of the system.

In addition, Dr. Dreyfus is concerned with parallel studies on several

aspects of experimental thiamine deficiency. A detailed study of the histopathological consequences, particularly the possible development of a peripheral neuropathy, is being conducted at the Massachusetts General Hospital with Drs. Webster and Victor. Autoradiographic studies on the distribution of tritium labelled thiamine in various parts of rat central and peripheral nervous system are being carried out at the Warren Museum, Harvard Medical School, with Dr. Sidman.

Miscellaneous additional studies have included further observations on environmental factors affecting brain adenosinetriphosphatase activity (Dr. Hess), the initiation of studies on the cytochrome content of human cortex (Dr. Hess and Mr. DuPont, Harvard Medical School II), and a survey of the microscopic pathology observable in the cerebral cortex in post mortem material obtainable at McLean Hospital (Dr. Pope and Mrs. Rose).

Respectfully submitted,

J. FOLCH-PI, M.D.
Director of Scientific Research

Report of the Psychology Department

DURING the past year the Psychology Department has continued its major functions of psychological testing, research and teaching, and has increased its staff.

A total of 121 patients was seen for psychological testing; 443 tests were administered. The process of referring patients for testing has been elaborated in that the residents arrange for an initial consultation with a member of this department before the patient is referred; this allows for more systematic communication between the residents and the psychologists on the nature of the problems to be evaluated and the kinds of contributions psychological tests can offer in any one case. An analysis of the referrals indicate that psychological tests are recommended primarily for questions concerning diagnosis, suicidal risk, brain injury, and prognosis.

Teaching activities have continued to include psychiatric residents, nurses, and medical students. A seminar on The Theory and Practice of Psychological Testing has been offered to psychiatric residents and interested members of the Social Service and Social Science Departments. Miss Swinson of this department has continued her work with the Nursing Education Department on its orientation program for graduate nurses and aides and meets regularly with the student nurses. The Psychology Department's teaching of the Harvard Medical Students has been expanded and revised to allow for greater integration with the hospital's general training program.

Some of the research projects begun the previous year have been continued. Mr. Schnitzer completed his study of relating accuracy of self-image to level of adjustment, and he presented his findings at the spring meetings of the Eastern Psychological Association. Dr. Pierce's project on the relationship between defense mechanisms and perception has been supported by a grant from the National Institute of Mental Health; this has enabled the Department to purchase a Gerbrand tachistoscope which will probably be used for further studies on perception. Interdisciplinary research has continued on a project investigating destructive behavior in the hospital. Dr. William F. Soskin has joined the staff, supported by a grant from the National Institute of Mental Health to conduct a two-year study on certain aspects of vocal communi-

cation; Dr. Soskin previously was Director of the Task Force on Research for the Joint Commission on Mental Illness and Health. Also, we welcome Dr. Phyllis Ackman to the staff. Dr. Ackman has just completed her training at the University of Michigan.

Respectfully submitted,

IRENE R. PIERCE, PH.D.
Director, Psychology Department

Report of the Social Science Department

THERE was considerable change and development in the Department of Social Science during 1958-59. Dr. Robert N. Rapoport retired in July from the position of Chief of the Department and was succeeded by Dr. William Caudill. Dr. Rapoport remains on the staff as a consultant, concentrating on the Harvard Training Program for Social Scientists in Medicine. It is through this program that Dr. Donald A. Kennedy and Mr. Bernard Segal currently are conducting research at McLean.

Aside from the research work carried out by individual members as noted below, the Department of Social Science as a whole collaborated to provide two teaching programs at McLean during the past year. A lecture course in general social science was offered by members of the Department to the first year nursing trainees. A weekly workshop on social science research in medical settings was offered to the staff of the hospital. The latter helped to acquaint members of the staff with work going on in this field in their own and other hospitals, and also served as a discussion and planning seminar for the members of the Department of Social Science.

During the coming year, it is planned to continue the teaching program of the Department in a somewhat modified and expanded form. The lecture course for nursing trainees will be given again. A series of conferences will be offered with the goal of acquainting the hospital staff with a) the background of the fields—anthropology, sociology, social psychology—represented in the Department, b) the kinds of research going on in social science which have theoretical and practical meaning for psychiatry and its allied professions, and c) the service and clinical uses which might be made of the techniques and results of such research in the care and treatment of patients in the hospital.

The present members of the Department and their activities during the past year and currently are as follows:

As mentioned, Dr. Robert N. Rapoport retired in July from the position of Chief of the Department and continues as consultant.

Dr. William Caudill succeeded Dr. Rapoport as Acting Chief. Dr. Caudill has done research on the acculturation and personality adjustment of Japanese Americans in Chicago, and on the social structure and dynamics of psychiatric hospitals in the United States and Japan.

During 1958-59, he worked for a year in three Japanese psychiatric hospitals and will be writing up this research and planning future projects at McLean. Dr. Caudill's work in Japanese hospitals complements the work of Dr. Anne Parsons in psychiatric hospitals in Italy where she has been studying cultural differences in psychiatric symptoms. Dr. Parsons will return to McLean in December, 1959. Together, these research projects and others carried out by Department members place McLean in the forefront of research on cross-cultural aspects of psychiatric illness and its treatment. This is one important facet of the research in the Department which will be continued in the coming year.

The members of the Department have continued their research in a great many areas of hospital activity. Dr. Rose L. Coser has worked out a research project for studying the training of residents which will extend over a period of several years. Dr. Katherine Spencer has been engaged in planning collaborative research with the Department of Psychiatric Social Work on the role of the social worker and on social work with families. Dr. Norman W. Bell has continued his study of behavior on the ward and other problems as part of the project by Drs. Altschule and Eldred in evaluating the effects of pineal extract. Dr. Murray Melbin has completed his plans for research on several dimensions of interpersonal behavior among staff and patients, and this work will move into the data-gathering stage in the coming year. Dr. Donald A. Kennedy has been participating as an observer in group therapy sessions and making plans for further research. Mr. Bernard Segal has been analyzing the results of his study on attitudes of nurses toward patients at McLean.

In September, as the year drew to a close, the Department of Social Science moved to new quarters in Pierce Hall and was thereby able to centralize the offices of most of its members in one area. The Department looks forward to continued growth in its functions of teaching, consulting, and research.

Respectfully submitted,

ROBERT N. RAPOPORT, PH.D.
Consultant, and former Chief, Department of Social Science

WILLIAM CAUDILL, PH.D.
Acting Chief, Department of Social Science

Report of the Department of Psychiatric Social Work

DURING the year, there were several changes in the staff organization resulting in the appointments of Miss Judith Easton, June, 1959, and Mrs. Harriet Baxter, September, 1959, as caseworkers, and Mrs. Hope MacDonald, September, 1959, as supervisor. Also, in September, 1959, Miss Willette Pierce, social group worker, arrived to develop the volunteer program.

Even though the staff did not increase in numbers, there was an increase in services. An average of 190 patients and/or families was seen monthly; of these 160 were inpatients and 30 were outpatients. A total of 431 patients and their families received case work service during the year. In 67% of the cases, the major emphasis was with families, while in the remaining 33%, the major focus was with patients.

Under the direction of Dr. Willis H. Bower, the social work staff assumed more responsibility for preadmission planning, i.e., offering services to referring physicians, families, patients, and friends who requested hospitalization. Efforts were made to deal with some of the anxieties usually connected with admission to a psychiatric hospital by full explanations to patients and families about the hospital, its treatment program, and the care offered here. When indicated, referrals were made to other appropiate resources.

With the increasing number of adolescent patients, the social workers have been paying particular attention to the educational needs of this age group. Dr. Charles R. Thibadeau, Superintendent of Schools in Belmont, was most willing to accept those patients well enough to attend school in the community and to provide tutoring at the hospital for others. To date, two patients have attended public high school, several have been tutored, and others have attended private schools. There are about six patients attending college, and an average of four patients work in the community monthly while still living in the hospital.

The Social Work Department continued its affiliation with the three Boston schools of social work and the Social Work Careers Recruitment Program. It again acted as host at the annual meeting of the Psychiatric

Section of the National Association of Social Workers, Eastern Massachusetts Chapter.

The renovation of the third floor of the Administration Building was most appreciated as many social workers' offices are located there.

GOLDA EDINBURG
Director, Psychiatric Social Work

Report of the Department of Activity Therapies

THE goal of increased effectiveness of the patient activity services was prominent among the reasons for consolidating the various educational, occupational, and recreational activities as a hospital treatment service in 1958. The efforts which resulted in the establishment of the new Department have continued, bringing expansion of service in several directions. Activity facilities have been made increasingly available throughout the year; notification of events and activities has become systematic and widespread; the variety of activities offered has increased. Since the previous annual report indicated the Department's policy and structure, this report is more descriptive of its scope and functioning. Activity Therapies treat patients through the modalities of work and play. The activity continuum is well represented by the three main centers of patient activity. The recreational therapy center emphasizes play and socialization, while the patients' library gracefully combines opportunities for entertainment, diversion, and useful activity, sharing opportunities for educational and creative work with occupational therapy, which focuses on patients' interests in productive work.

The Department's largest section, recreational therapy, makes the recreation center available every day of the week. Instruction continues in various sports; there were group games, like touch football and softball, and for the first time inter-hall bowling and table tennis tournaments were started. In close cooperation with the Physical Therapy Department there were specific games used to help patients with physical disability; and there were group calisthenics. Traditionally, recreational therapy stressed a program of physical activity to keep the patient busy. However, the recent trend has been toward activities as a medium for promoting good social relationships. This emphasis on social recreation resulted in many planned events, such as picnics and dances. The recreation center was re-decorated, producing a dramatic change in character; the gym, no longer primarily a place to play games, is being used extensively as a place to meet other patients, to read or relax. The section continues to work closely with P.A.A., supervising its weekly evening entertainment, as well as the 20 trips sponsored by P.A.A. Recreational therapy also supervises the patients attending the

Catholic, Protestant, and Jewish services; following the Sunday morning service it provides a record concert, attended by 40 patients. During the year 335 patients were treated by recreational therapy, a total of 83 more than were served in 1958.

Supplementing recreational therapy, the library strives to develop the social and cultural recreation potential of the hospital. While only 35 patients come regularly to use books, periodicals and records, there are 21 more patients who use the library regularly just to socialize. The social importance of the area is recognized in the Wednesday afternoon formal tea, attended by 85 to 120 patients and staff members, and it is also stressed by the meetings of the patient voluntary organizations. These meetings, besides drawing 39 patients (who do not otherwise visit it) to use the library regularly, also involve the librarian, who is often resorted to informally for assistance. The librarian's task as editor of publications issuing from the library was much increased by expanding the P.A.A. calendar of events into a weekly activities bulletin, *Around and About McLean,* which contains announcements and other hospital news of interest to patients, including reviews of existing activity facilities. The quarterly literary magazine, *The McLean Gazette,* continues to be a flexible vehicle for patients' self-expression. There is much work by patients involved in these publications. The library easily provides patients wishing to work with jobs having a minimum of pressure and a maximum of variety, ranging from mechanical assistance to creative contributions. As many as seven patients were doing steady part time work. Although a greater number of patients "helping" often makes more work for the librarian, the value of their work extends beyond its benefit for the individual patients. When the library had difficulty in maintaining continuity of service, because of the succession of four librarians, the patient helpers and a community volunteer served to keep the library functioning during the intervals between librarians.

Most of the facilities for constructive work are concentrated in the two occupational therapy centers, both of which had undergone some changes in 1958. The West Occupational Therapy center treated 167 patients, almost double the number served annually in its former orientation as Men's O.T. This increase was composed of women, with whom the creative crafts are very popular, occasioning greater use of the woodworking area. Although West O.T. served an influx of women who would have been working in East Occupational Therapy under

the previous system, East O.T. treated 263 patients, an increase of 87 over the 1958 total. This increase resulted from the development of a system of interviewing each newly arrived patient on the admission halls. At the East O.T. center a partial open door policy was adopted simultaneously with an increase in hours of patient service; during four hours of the day the doors are open, and locked area care is given for three hours. The center now has a seven day schedule, since it functions as an open door social center on weekends. Relaxed gatherings, frequently including visiting members of patients' families, have become customary on Sundays. On Saturday afternoons a group social worker conducted a program varying from week to week, following patients' interests. Although specializing does not characterize the activity program there is an emphasis on creative art in the East O.T. center. Through intensive work the sculpture studio has achieved the atmosphere of a genuine creative arts workshop. The service capacity of the art room was developed further by making studies of various approaches to art therapy and of the therapeutic potentials of art activity. There were well over 130 patients who accepted the opportunity to work in these two art areas. The hospital music program continued as in past years.

The most apparent accomplishments achieved during the year since establishing the department have been in the expansion of service, but there has also been progress toward increased efficiency. Several procedures of focusing more consideration on the individuality of the patient were standardized: a system of continuous recording and periodic reporting on all patients treated through activities became well established, as did a system of orientation interviewing of new patients. For several months Dr. Ruth Murphy instructed the O.T. group in some techniques of purposeful interviewing, so that patients may be oriented individually on the basis of their interests. The weekly meetings of representatives from the different sections of the department have continued to foster functional unity among personnel of different disciplines. Continuity between sections facilitates guiding patients to find the activities most appropriate to their changing needs.

CHARLES B. DAWSON
Assistant Psychologist

The Nursing Service

AN outstanding need in the hospital today is sound organizational planning for hospital nursing service. This planning must be continuous in order to meet the changes in medical and nursing care. A study of the organizational changes needed by our nursing service is under way. A special committee has formulated proposed objectives for the nursing service organization and currently is studying these objectives in the light of hospital philosophy and purposes, optimal nursing care, and implementation. It is our goal to make these objectives specific, practical, attainable, and measurable. Some of the tangible evidences of sound organizational planning for hospital nursing services are included in this report showing progress in some areas and needs in other areas within the nursing service.

The need for establishing a nursing policy manual consistent with the official hospital policy has been felt. A number of policies have been revised and reviewed at regular intervals, but they tend to be lost in memoranda and official notices. Future planning will take this need into consideration.

The Nursing Practice Committee revised its rules of procedure in order to implement the needs of the nursing service. In addition to the regular and consultant members from nursing, hospital administration, and medical staff, consultant members from the social service and social science departments were added. Completed work of the committee includes a revision of the patients' Kardex system and introduction of a ward treatment card system. Procedure for Observation of Patients and Policy on Uniforms for Nursing Personnel as they affect nursing care are some of the current problems now under evaluation. Hospital policy procedures reviewed and recommendations made in relation to nursing practice are pharmacy procedure in giving research drugs, use of generic terms when ordering or reporting the use of drugs, the metric system, and a proposal for revision of the hospital accident form. Plans for study encompass the revision of basic nursing procedures and policies to integrate special needs in psychiatric nursing practice.

The average number of graduate nurses during 1958-1959 was higher by 14 than the previous year. The increase brought the total to 95 full time and 21 part time nurses at the end of the 1958-1959 fiscal year as

compared to 89 full time and 27 part time at the end of the previous fiscal year.

The full time psychiatric aide group has increased from 78 to 81 and the part time from 24 to 27.

At the end of the fiscal year 1958-1959 the following budgeted positions were unfilled: Assistant Director of Nursing Service — 1; Supervisors — 3; Head Nurses — 5; Assistant Head Nurses — 3; Staff Nurses — 0; and Psychiatric Aides — 16.

Because of the extreme difficulty of attracting nursing personnel to the care of geriatric patients on East House II and Proctor House II, the hospital administration approved the recommendation to pay a premium differential of 12½¢ per hour to all nursing personnel who work on these units.

Although no recommendation was made for time and one half pay for overtime in the nursing service, the trustees of the hospital approved this policy during the last period of the fiscal year. It is agreed that this policy would only be put into effect if compensatory time off cannot be given instead since the budget cost would be unreasonably increased.

A master staffing pattern was drafted for the fiscal year 1959-1960. Establishment of the pattern was accomplished primarily through the combined efforts of the Head Nurses, Supervisors, and Nursing Administrators. In the planning stages actual staffing patterns of the individual wards during the first ten periods of the fiscal year 1958-1959 were reviewed. Weekly time sheets and fiscal period reports of nursing hours by category of personnel were examined. Increased demands on nursing service during 1958-1959 particularly through increased patient activities were taken into consideration. Ward Administrators were consulted as to anticipated changes in any direction which might necessitate adjustments in staffing plans. The actual nursing care hours per patient per day was 5.8 for 1958-1959. The budgeted figures planned for a daily average of 230 patients was 6.5 nursing care hours per patient per day. The completed master staffing pattern served as the basis for establishing the salary aspect of the total nursing budget.

Some recommendations to improve ward facilities and provide suitable equipment in relation to physical and psychiatric care were made through the combined cooperation of Nursing Administrators, Supervisors, and Head Nurses. The interpretation of these needs to the hospital administration by a nurse delegated for that purpose continued

throughout the year. A priority list was established by the hospital administration, and urgent requests were met.

Because of an increase in the volume of work needed to be done in the administration of nursing service, an additional position of Assistant Director of Nursing Service was approved. In November 1958 Mr. Robert J. Robertson, R.N., B.S. was appointed. In September 1959 he resigned to accept an appointment at Columbia University in the field of hospital administration. The need for a suitable candidate to fill this vacancy is urgent.

Early in 1959 the Supervisors Office was re-located out of the Administration Building into the Admissions Suite of the Admissions Belknap Building. This placed the supervisory service closer to the patient areas. One day supervisor was delegated the administrative responsibility of the office, releasing all others for increased supervisory service in delegated areas. The fifteen ward units were divided into thirds delegating responsibility for five wards to each supervisor. This concentration of supervision gives closer attention to a designated number of personnel who give direct care to the patients. The evening and night supervisory personnel continued to be responsible for the east and west areas as were designated previously. Closer communication between supervisors came about during each tour of duty and a closer continuity during the twenty-four hour period resulted. A series of weekly meetings between nthe supervisory group and Dr. Willis H. Bower was held in order to increase communications administratively with the medical staff. Because of difficulty in the recruitment of psychiatric nursing supervisors, three temporary appointments were made for the summer. Utilization of younger graduate nurses to assist the supervisors is a possible solution, but no recommendations were made. Three supervisory appointments were: 1) Mr. Donald J. MacLean, R.N.; 2) Mr. Americo Zerneri, R.N. (currently on matriculation at Boston College School of Nursing); and, 3) Miss Jo Anne F. Swanson, R.N., B.S. in Nursing Education, M.S. (qualification as a Psychiatric Nursing Clinical Specialist). Miss Swanson chose to prepare her thesis to qualify for her Master's degree at this hospital and completed same in June 1959. The thesis covered A Study of the Effects of Special Nursing on Patients at the Time of Hospital Admission.

The goals of Inservice Education for nursing personnel include orientation, skill training, continued education, and leadership and management development. Orientation courses begun in November 1958 were

repeated nine times. Fifty-four psychiatric aides completed a forty-four hour course and received cards of recognition. Ten Graduate Nurses and one Licensed Practical Nurse also received an orientation course. A group discussion project for graduate nurses was held every other week from April to June 1959, with the volunteer help of two psychiatrists as leaders. Seven programs were offered to nursing personnel which centered around psychiatric nursing problems. Future plans include a Ward Management Course for Head Nurses.

The hospital provided several educational and professional opportunities outside the hospital. Two supervisors attended an Institute on Nursing Service Supervision sponsored by the American Hospital Association and the National League for Nursing in Washington, D.C. Two head nurses from the geriatric services attended an Institute on Nursing Rehabilitation at Boston University. One head nurse attended an Institute on Rehabilitation of the Emotionally Disturbed at the same university. Other members of the nursing staff were representatives of the nursing service at national and state conventions as well as at the annual instructional conferences given by the New England Hospital Assembly of the American Hospital Association.

Special arrangements have been made for nurses and psychiatric aides, who work either full time or part time, to continue their education at nearby colleges. Thirty-five nurses and forty-two aides have realized this opportunity.

The scholarship plan has continued to attract nurses. During the year thirty-three nurses have studied part time on the McLean Scholarship at three of the local colleges and universities, and a total of 153 credits was earned.

Recommendations for the nursing service in 1960 and 1961 are: 1) that salary ranges be made comparable to those usually paid in most parts of the United States (qualified supervisors in psychiatric nursing and psychiatric aides in particular); 2) that in addition to the approved position of a director of staff education, other suitable candidates be considered to supplement a comprehensive program of inservice education for nursing personnel; 3) that three additional positions be added to the complement for nursing service—one Supervisor of Psychiatric Aides and two Psychiatric Nursing Clinical Specialists; 4) that the budget for Scholarship Grants to Graduate Nurses employed at McLean Hospital be increased to $4,000 annually; 5) that satisfactory library services for nursing service personnel be developed; 6) that the health

services offered to paid personnel be evaluated in order to clarify the extent of services available; and, 7) that the current functions of nursing personnel continually be evaluated for the purpose of the elimination of non-nursing functions.

Members of the nursing staff wish to express their appreciation for the help and guidance given during the year by the Board of Trustees, the Medical Staff and all the other hospital departments.

THE SCHOOL OF NURSING

General plans for the development of the program in basic nursing education have been reviewed, and some changes have been made in the past year. The aim of the faculty is to strengthen the total program with particular reference to the curriculum, the admissions procedure and the guidance and evaluation of the student. The faculty considers that the effective use of the services of advisers and joint planning with the affiliating schools is essential in strengthening the program. Changes in the educational program are based on the belief that the chief function of the Nursing Service Organization is to provide nursing care to patients and that the chief function of the educational program is to provide educational services to the students; thus, it is necessary to have good lines of communication between Nursing Service, the School of Nursing, and the hospital administration for clarification and implementation of policies.

Communications have been improved in a number of ways. Although nursing service representation on the faculty group has been current, student problems led to the formation of a small informal discussion group of administrators, supervisors, and instructors representative of both groups. Problems and proposed action have centered around interpersonal relationships, student assignment, student overtime, and living conditions in the residences.

Problems affecting patient care have been presented by faculty members and discussed by the Professional Advisory Committee. This has improved understanding in relation to students with the board group of professional staff at the hospital.

Faculty recommendations affecting policy and other departments of the hospital have been communicated and discussed resulting in mutual agreements.

Twenty-one of 119 applicants were accepted in 1959; by comparison 25 of 120 were accepted in 1958. This showed no measurable improve-

ment for selection purposes. Recruitment procedures were discussed at length. The need indicates the necessity to decrease certain faculty responsibilities in order to increase active participation in recruitment possibilities such as personal contacts, speaking appointments, use of films, career days, and guidance director contacts in high schools and other educational institutions, and preparation of written materials such as pamphlets and bulletins. The revision of the school bulletin included an increase from $300 to $400 for the total expenses charged to the student for tuition and other fees during the three year period.

Improvements were made in the instruction for students. Curriculum objectives were identified as more specific objectives of the school. Two new courses were added to the curriculum for senior students—Seminar in Human Relations and Introduction to Administration and Management in Nursing. Other changes included course revisions and placements in relation to correlated clinical assignments.

Services of the School of Nursing Advisory Committee have been freely sought, and the members have given valuable advice concerning the needs of the school as well as interpreting the program to the general public.

Dr. Beatrice Kershaw was appointed as Professional Adviser to the faculty members of the Evaluation and Guidance Committee in their work of counseling students. Other advisory services have increased in scope and include the psychiatrist, the social worker, the psychologist, and the social scientist, particularly in the areas concerned with curriculum and guidance.

During the summer a progress report was submitted to the Board of Review for Diploma Programs of the National League for Nursing. The report covered a three year period and included a summary of statistical data, administrative and instructional personnel, curriculum and major accomplishments, and plans for the future. Evaluation of the report for approval was scheduled for December 1959.

The student association has been active and has made pertinent recommendations to the faculty in regard to student living and the professional program. It has again participated with the district and state councils of student nurses. At the annual Florence Nightingale Service sponsored by the Massachusetts State Council of Student Nurses, Miss Constance Mair, McLean Senior, was publicly awarded a pin proclaiming her as student nurse of the year 1959 for Massachusetts —elected by the student body from a total of 6,000 student nurses.

Contributions made by the student association to improve living conditions include painting and purchasing suitable furniture for the Recreation Room in Higginson House; and purchase of a pingpong table for use in the Men's Home. During 1959 many students volunteered to help with patient and personnel activities at the hospital.

Student personnel policies were reviewed and annual holiday time was increased from seven to ten days in keeping with established policy for all personnel employed by the hospital.

A public Investiture Service was held in the Samuel Eliot Memorial Chapel in the form of a Nightingale Service. Dr. Stanley H. Eldred, Associate Psychiatrist, McLean Hospital, gave the address.

The annual graduation exercises were held in September. Dr. Alfred H. Stanton, Psychiatrist in Chief, McLean Hospital, gave the Commencement address.

The structure and implementation of the faculty organization is under study. Rules of Procedure for the Curriculum Committee and the Library and Teaching Aids Committee were revised and put into effect. Plans for Faculty Inservice Education during the coming year have been formulated.

The complement of the faculty has remained the same, with one instructor in psychiatric nursing on leave of absence—Mrs. Martha W. Pride, who has been enrolled at Boston University in the Master's Program to qualify as a Clinical Specialist in Psychiatric Nursing. Appointments and promotions made were 1) Mr. Herbert Mallinson, R.N., as Assistant Instructor in Psychiatric Nursing; 2) Miss Nancy E. Bowker, R.N., B.S., as Assistant Instructor in Nursing; and, 3) Mrs. Ruth Huck, R.N., as Clinical Teaching Intern in Psychiatric Nursing (for one year only).

In order to improve their professional preparation seven faculty members have attended college on a part time or a full time basis. Three members have utilized the graduate nurse scholarship offered by the hospital. Faculty members have attended numerous meetings, institutes, and workshops as they were offered by various professional organizations.

In June Miss Frances Foley, Second Assistant Director of School of Nursing and Instructor in Sciences, received her Master of Education degree at Northeastern University. As part of a course assignment in completing her requirements she chose to do an analysis on the withdrawal rate of McLean students during a five year period. She utilized

resources from the files here at the school and upon completion of the project offered the use of the compiled material to the school. Her contribution in evaluating needs concerned with selection of students is a timely one.

During 1959 Mrs. Mildred C. Makin took active part in accreditation surveys as a part time staff member of the Department of Diploma and Associate Degree Programs of the National League for Nursing in the evaluation of seven diploma schools in the various parts of the United States.

Recommendations for the improvement of the School of Nursing in 1960 and 1961 are:

1) that suitable facilities for the care of ill students be provided;
2) that recruitment efforts be increased to provide a wider selection of applicants;
3) that the position of Clinical Teaching Intern in Psychiatric Nursing for a McLean graduate be continued;
4) that honorariums be considered in the budget for contributions made by professional participants;
5) that salary ranges for faculty members be made comparable to those usually paid in most parts of the United States;
6) that the Men's Nurses Home be redecorated throughout including renovation and replacement of furniture; and,
7) that redecoration of the Higginson House be continued and that the furnishings of the living area and classrooms be replaced as necessary.

The faculty joins me in extending appreciation to all those who contributed to the operation of the School of Nursing. We specifically include the Board of Trustees, the Advisory Committee to the School of Nursing, the Medical Staff, the Hospital Administration, the nursing service personnel, and the students in all the educational programs.

Respectfully submitted,

MARGARET C. TIBBETTS, R.N.
Director of the School of Nursing and Nursing Service

McLean Hospital

Reports of the School of Nursing and Nursing Service

NURSING SERVICE PERSONNEL, YEAR ENDING SEPTEMBER 28, 1959

	Women	Men	1958-59
Average No. Graduates	71	21	92
Average No. Graduates—*Part time	8	1	9
Average No. Licensed Practical Nurses	1	0	1
Average No. Licensed Practical Nurses—*Part time	1	0	1
Average No. Accepted Students	12	24	36
Average No. Preclinical Students	7	7	14
Total	100	53	153
Average No. Psychiatric Aides	37	51	88
Average No. Psychiatric Aides—*Part time	6	9	15
Total	43	60	103
Total No. Preclinical Students Admitted	5	16	21
Preclinical Students Dropped or Resigned	1	2	3
Accepted Students Dropped or Resigned	3	6	9
Total Dropped or Resigned	4	8	12
Students Graduated	5	12	17
Student Veterans enrolled—P.L. 550 and P. L. 894	0	13	13

*Expressed in equivalent of full time

NURSING SERVICE PERSONNEL, SEPTEMBER 28, 1959

	Women	Men	Total
Graduate Nurses	73	22	95
Full time	73	22	95
Part time	14	7	21
Total	87	29	116
Licensed Practical Nurses	1	0	1
McLean Hospital and Affiliating Student Nurses			
Accepted Students	12	14	26
Preclinical Students	5	16	21
Affiliating Students from Other Schools	42	0	42
Total	59	30	89
Total Nursing Personnel	146	59	205
Psychiatric Aides			
Full time	30	51	81
Part time	9	18	27
Total	39	69	108
McLean Students on Affiliation			
Massachusetts General Hospital	10	10	20
The Children's Hospital	0	0	0
Boston Lying-in Hospital	2	4	6
Total	12	14	26
Affiliating Students From Other Schools			
Who Completed Course 1958-1959:			
Massachusetts General Hospital	158	0	158
The Children's Hospital	33	0	33
M.G.H. Radcliffe College Program	4	0	4
Simmons College School of Nursing	27	0	27
University of Massachusetts School of Nursing	9	0	9
Graduates	13	0	13
Total	244	0	244

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Albany Hospital, Albany,N.Y.

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Edmund R. Mattos MGH

Henry J. Murphy "

E. Michael White "

Joseph W. Degan "

Lawrence E. Martin, Comptroller MGH

Directory

MEMBERS OF HOSPITAL STAFF, ALUMNI, AND PAST RESIDENTS

as of February 1960, including subsequent appointments received, effective up to and including July 1, 1960

Letters in small type, following the names, indicate the special work of individuals:—

a.: assistant
admin.: administrative; administrator
an.: anesthetist
anthropol.: anthropologist
assoc.: associate
attend.: attending
b.: bacteriologist
biochem.: biochemist
biol.: biologist
c.: chief of service
c.r.p.: chief resident physician
c.r.s.: chief resident surgeon
cardiol.: cardiologist
chem.: chemist
cons.: consultant; consulting
d.: dermatologist
dir.: director
dn. s.: dental surgeon
e.: engineer
exec. a.: executive assistant
exec. o.: executive officer
gen. dir.: general director
hon. p.: honorary physician
hon. s.: honorary surgeon
h.p.: house physician
h.s.: house surgeon
immunol.: immunologist
l.: laryngologist
n.: neurologist
neurophysiol.: neurophysiologist
n.p.: neuropathologist
n.s.: neurosurgeon
obst.: obstetrician
oph.: ophthalmologist
oral s.: oral surgeon
otol.: otologist
otolar.: otolaryngologist
p.: physician
path.: pathologist
pharm.: pharmacologist
physiol.: physiologist
prin.: principal
psychiat.: psychiatrist
psychol.: psychologist
r.: radiologist
res. a.: research assistant
res. assoc.: research associate
r.p.: resident physician
r. psychol.: resident psychologist
r.s.: resident surgeon
s.: surgeon
sc.res.a.: scientific research assistant
sc.res.assoc.: scientific research associate
soc. sc.: social scientist
soc.: social
sociol.: sociologist
supt.: superintendent
u.: urologist
virol.: virologist

Italics indicate to what service of the Hospital the individual belongs:—

An.: Anesthesia
Anat.: Anatomy
B.: Bacteriology
Bd. of Cons.: Board of Consultation
Biochem.: Biochemistry
Biochem. Res.: Biochemical Research
Biol.: Biology
Biomechan.: Biomechanics
Biophys.: Biophysics
Biophys. Res.: Biophysical Research
B.M.: Baker Memorial
Cardiol.: Cardiology
Chem.: Chemistry
Clin. Physiol.: Clinical Physiology
C.M.: Children's Medical
Contag. Dis.: Contagious Diseases
D.: Dermatology
Dn.: Dentistry
E.M.: East Medical
E.S.: East Surgical
Ed.: Education
Gyn.: Gynecology
Immunol.: Immunology
Int. M.: Internal Medicine
L.: Laryngology
M.: Medicine
(*McL.*): McLean Hospital
M.G.H. Clin.: M.G.H. Clinics
N.: Neurology
Neurophysiol.: Neurophysiology
N.P.: Neuropathology
N.S.: Neurosurgery
Nurs. Serv.: Nursing Service
Obst.: Obstetrics
O.P.D.: Out-Patient Department

Oph.: Ophthalmology; Ophthalmic
Or.: Orthopedics
Otol.: Otology
Otolar.: Otolaryngology
Path.: Pathology
P.H.: Phillips House
Pharm.: Pharmacology
Phys. M.: Physical Medicine
Physiol.: Physiology
Prev. M.: Preventive Medicine
Psychiat.: Psychiatry
Psychol.: Psychology
R.: Radiology
Res.: Research
S.: General Surgical Services
Sc. Res.: Scientific Research
S.M.: South Medical
S.N.: School of Nursing
Soc. Anthropol.: Social Anthropology
Soc. Sc.: Social Sciences
Soc. Serv.: Social Service
S.S.: South Surgical
Syph.: Syphilology
T. Dis.: Tropical Diseases
Thd. S.: Third Surgical
T.M.: Tropical Medicine
Traum. S.: Traumatic Surgery
U.: Urology
W.M.: West Medical
W.S.: West Surgical

Supplementary list of abbreviations frequently used in this Directory:—
clin.: clinical
H.M.S.: Harvard Medical School
Inst.: Institute
j.: junior
Mass. E. & E. Inf.: Massachusetts Eye and Ear Infirmary
M.G.H.: Massachusetts General Hospital
M.I.T.: Massachusetts Institute of Technology
res.: research
R.N.: Registered Nurse
sc.: scientific
sr.: senior
v.: visiting
Vet. Adm. Hosp.: Veterans Administration Hospital

Addresses are in Boston unless stated to be elsewhere, and are in Massachusetts when no State is indicated.

ABBOTT, J. A., a.n.; a.r.p. *Psychiat.* 1935 M. G. H.
Abbott, L. C., *Or.* 1916 Univ. Hosp. Med. Center, San Francisco, Calif.
Acheson, G. H., *W.M.* 1939 Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio
ACKERMAN, I.P., a. *M.* (*M.* 1951); r.p. 1955 226 Marlborough
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Adams, H. D., *E.S.* 1932; r.s. *E.S.* 1934 605 Commonwealth Ave.
ADAMS, JOHN, Jr., assoc. d. 704 Huntington Ave.
ADAMS, JOHN E., a.r.p. *Path.* M. G. H.
Adams, Ralph H., *W.S.* 1935; r.s. *E.S.* 1939 31 Stone Ave., Newton
Univ. of Virginia Med. Sch.,
Adams, Raymond A., r.p. *N.* 1951 Richmond, Va.
ADAMS, RAYMOND D., c. *N.* and n.p.; r.p. *N.* 1939 M. G. H.
Adamson, G. L., r.p. *N.* 1930 Winnipeg Clinic, Winnipeg, Manitoba, Canada
ADLER, M. H., attend. psychiat. (*McL.*) 130 Washington, Newton
Adler, S., sr.r.s. *Or.* 1959 419 Maple, N.E., Albuquerque, N. M.
AGARD, E. T., a. physicist *R.* M. G. H.
Ahnlund, N. W., r.s. *Or.* 1943 Santa Clara County Hosp., San Jose, Calif.
ALBERT, J., r.p. *D.* M. G. H.
Albright, E. C., *W.M.* 1942 Univ. of Wisconsin Hosp., Madison, Wis.
ALBRIGHT, F., *Bd. of Cons.* (*W.M.* 1926) M. G. H.

Albuquerque, P. F., r.s. *U.* 1944
Rua da Assembleia 51,
Rio de Janeiro, Brasil
Aldwin, F. J., *C.M.* 1933
185 Crown, Meriden, Conn.
Alexander, W. H., *W.S.* 1922 and *Thd.S.* 1923
Commercial National Bank Bldg.,
Iron Mountain, Mich.
Allen, D. W., *M.* 1955; a.r.p. 1956
c/o Prof. Linus Pauling,
California Inst. of Tech.,
Pasadena, Calif.
ALLEN, H. F., a.s. *Oph.* (*W.S.* 1943)
200 Beacon
Allison, C. R., *W.M.* 1938; a.r.p. 1940
15 Prince,
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Alper, J. M., *E.M.* 1935
425 West End Ave., New York, N.Y.
ALPERT, D. R., a.s. *Oph.*
41 Bay State Rd.
Alston, E. F., *Path.* 1944; a.r.p. *Path.* 1945
2107 Van Ness Ave.,
San Francisco, Calif.
Alt, R. E., *W.S.* 1933
1 Monument Sq., Beverly
Alton, B. H., *W.S.* 1916
27 Elm, Worcester
ALTSCHULE, M. D., dir. *Int. M.* and *Res. Clin. Physiol.* (*McL.*)
74 The Fenway
AMES, A., III, assoc. biochem. *N.S.*
M. G. H.
Amick, A. F., *M.* 1957; a.r.p. 1958
9242 Phillip Ave., Norfolk, Va.
Andersen, E. W., a.r.p. *An.* 1948
Enighedsvey 7, Chl.,
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ANDERSON, E. E., *O.P.D.* r.p. *C.M.;* a.r.p. *C.M.* 1960
M. G. H.
Anderson, Erna G., r.p. *C.M.* 1943
815 Greenleaf Ave., Glencoe, Ill.
Anderson, H. C., *Path.* 1959
Univ. of Louisville Sch. of Med.,
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Anderson, R. L., *Or.* 1927
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Andrew, N. W., r.p. *An.* 1956
New Eng. Center Hosp.
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Mary Hitchcock Memorial Hosp.,
Hanover, N. H.
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20 Linden, Brattleboro, Vt.
Aprahamian, H. A., a.r.p. *An.* 1956
Grace-New Haven Community Hosp., New Haven, Conn.
ARANAS, A. L., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
Arnason, B. G. W., a.r.p. *N.* 1959
M. G. H.
Arnstein, A. R., *M.* 1956; a.r.p. 1957
11 Scarsdale Lane, St. Louis, Mo.
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ARONSON, J. A., a. *Psychiat.*
67 Bay State Rd.
Arrowood, Julia G., r.p. *An.* 1936
Harlan Memorial Hosp., Harlan, Ky.
Arthur, R. J., *C.M.* 1952
Children's Med. Center
Arzimanoglu, A. A., a.r.s. *Or.* 1952
1 Neofytoy Vamva, Athens, Greece
ASBURY, A. K., a.r.p. *N.* (*M.* 1959); a.r.p. 1960
M. G. H.
Ash, H. L., *Dn.*
M. G. H.
Aster, R. H., *M.* 1958; a.r.p. 1959
National Inst. of Health,
Bethesda, Md.
Atherton, L. D., r.s. *U.* 1952
321 W. Broadway,
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ATKINS, L., a. *Path.;* r.p. *Path.* 1955
M. G. H.
Atsatt, R. F., *Or.* 1926
1734 State, Santa Barbara, Calif.
Atwood, W. G., *W.S.* 1921
151 Rock, Fall River
AUB, J. C., hon. p. (*E.M.* 1915); h.p. *E.M.* 1917
M. G. H.
AUFRANC, O. E., v.s.*Or.* (*Or.* 1938); r.s. *Or.* 1939
266 Beacon
AUSTEN, F. K., r.p. (*M.* 1955)
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AUSTEN, W. G., r.s. (*S.* 1956)
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AUSTIN, R. C., clin. assoc. *S.* (*S.* 1951); r.s. 1956
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Averill, J. H., *M.* 1947
249 Crescent, Northampton
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Ayers, W. B., *W.S.* 1943
75 Central Park West, New York, N. Y.
Ayres, S., Jr., *W.M.* 1920
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Bacon, W. B., a.r.p. *Path.* 1951
420 Warren, Brookline
Badal, D. W., r.p. *Psychiat.* 1942
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BADEN, H. P., a.r.p. *D.* M. G. H.
BADGER, T. L., *Bd. of Cons.* (*E.M.* 1928) 264 Beacon
Bagg, E. P., Jr., *E.M.* 1913
207 Elm, Holyoke
Bailey, D. W., *C.M.* 1959
River, Norwell
BAKAY, L., a. *N.S.*; sr.r.s. *N.S.* 1951 M. G. H.
BAKER, D. V., Jr., clin. assoc. *S.* (*E.S.* 1943) 40 Broad
BAKER, G. P., Jr., r.p. (*M.* 1958) M. G. H.
BAKER, M. P., p. (*E.M.* 1930) 262 Beacon
Baker, R. L., r.p. *N.* 1943
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724 Main, Laconia, N. H.
BALAZS, E. A., biochem. *Oph.* 30 Chambers
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BALL, R. E., r.p. *Psychiat.* (*McL.*)
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BALLANTINE, H. T., Jr., assoc. v.n.s. (*W.S.* 1939); a.r.s. *W.S.* 1941 and *N.S.* 1941 M. G. H.
Ballard, F. B., Jr., a.r.p. 1958
9750 Old Warson Rd., Rock Hill, Mo.
Bally, P. R., a.r.p. 1956
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Bandeian, Alice M., *An.* 1943; a.r.p. *An.* 1944 210 Pine, Holyoke
Bandler, B., r.p. *Psychiat.* 1941
82 Marlborough
Banker, Betty Q., a.r.p. *N.P.* 1954
Children's Med. Center
Banks, H. H., a.r.s. *Or.* 1952
Peter Bent Brigham Hosp.
Banks, R., Jr., *E.S.* 1943
106 S. Enota Dr., Gainesville, Ga.
BARBOUR, JOSEPHINE C., c. *Soc. Serv.* M. G. H.
BARINGER, J. R., a.r.p. (*M.* 1960) M. G. H.
BARKER, R. H., clin. assoc. *Obst.* (*W.S.* 1937) 1101 Beacon, Brookline
BARLOW, JOHN F., a.r.p. *Path.* M. G. H.
BARLOW, JOHN S., a. *N.* M. G. H.
Barlow, Joseph J., r.p. 1955
Presbyterian Hosp., New York, N.Y.
BARNES, B. A., a.s. (*W.S.* 1945); a.r.s. 1952 M. G. H.
Barnett, C. G., *M.* 1954
2506 Green, San Francisco, Calif.
Barnett, T. B., *M.* 1950
Strong Memorial Hosp., Rochester, N. Y.
BARNUM, F. G., Jr., a. *M.* (*W.S.* 1945); j.r.s. 1946 1776 Beacon, Brookline
BARR, J. S., c. *Or.* (*Or.* 1929) M. G. H.
Barretto, O. de F., *An.* 1944
Rua Armando Penteado 356 (Pacaembú), Sáo Paulo, Brasil
Barrow, D. W., *E.S.* 1937
Milwaukee County Hosp., Milwaukee, Wis.
Barrows, L. J., r.p. *N.* 1952; r.p. *N.P.* 1953
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
BARRY, H., Jr., assoc. psychiat.; r.p. *Psychiat.* 1944 M. G. H.
Barry, Richard M., a.r.p. 1957
Memorial Center for Cancer and Allied Dis., 444 E. 68th, New York, N. Y.
BARRY, RT. REV. ROBERT P., *Trustee* 71 Warner, W. Somerville
Barss, T. P., a.r.p. *An.* 1950
Good Samaritan Hosp., Lexington, Ky.
Barth, T. A., a.r.s. *Or.* 1957
242 N. Sutter, Stockton, Calif.
BARTLETT, M. K., v.s. (*W.S.* 1931) M. G. H.
Bartlett, W. M., *C.M.* 1927
125 Michigan Ave., Decatur, Ga.
Barton, L. G., Jr., *E.S.* 1914
132 Court, Plattsburg, N. Y.
BARTON, T. C., a.r.s. M. G. H.
Bate, J. T., r.s. *U.* 1925
332 W. Broadway, Louisville, Ky.
Batt, R. C., r.p. *R.* 1940
83 Park, Glens Falls, N. Y.

BATTIT, G. E., a.r.p. *An.* M. G. H.
BAUE, A. E., a.r.s. (*S.* 1955) M. G. H.
*Bauer, F. L., *Path.* 1941
Rodriguez Army Hosp., APO 851, c/o Postmaster, New York, N. Y.
BAUER, W., c. *M.*; r.p. *W.M.* 1927 M. G. H.
BAUMGARTNER, D. A., Jr., a.r.s. M. G. H.
Bautista, Florosa A., a.r.p. *C.M.* 1958
Charles V. Chapin Hosp., Providence, R. I.
Baxter, C. F., *W.S.* 1944; sr.r.s. *W.S.* 1946 2025 Shore Blvd., Astoria, Long Island, N. Y.
Beaman, G. B., r.p. *Psychiat.* (*McL.*) 1936 520 Commonwealth Ave.
BECK, KATHRYN S., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
BECK, P., a. *Oph.* 43 Austin, Portsmouth, N. H.
BECK, W. S., a.p. M. G. H.
Bedell, R. F., *C.M.* 1958
New York Hosp., New York, N. Y.
Bedell, W. C., *E.S.* 1945
168 S. Cherry, Poughkeepsie, N. Y.
BEECHER, H. K., c. *An.* (*W.S.* 1934); a.r.s. *W.S.* 1936 M. G. H.
Beeman, C. B., *Path.* 1934
833 Lake Dr., S.E., Grand Rapids, Mich.
BEETHAM, W. P., s. *Oph.*
108 Bay State Rd.
BEHRINGER, G. E., a.s. (*W.S.* 1946); a.r.s. 1952 M. G. H.
BELL, E., cons. *Biophys. N.S.* M. G. H.
Bell, G. O., *W.M.* 1936
321 Crafts Rd., Newton
Bell, James P., a.r.s. *Or.* 1959
McBride Clinic, 605 N.W. 10th, Oklahoma City, Okla.
Bell, John F., *Or.* 1941
288 Main, Burlington, Vt.
Bell, John W., *E.S.* 1946
Vet. Adm. Hosp., Seattle, Wash.
BELL, N. W., a. sociol. (*McL.*)
McLean Hosp., Belmont
BELLINGER, M. J., clin. assoc. *S.* 114 Waltham, Lexington; 270 Commonwealth Ave.
BENDA, C. E., a. psychiat.
111 Pleasant, Arlington
Bendheim, O. L., *W.M.* 1938
1515 N. 9th, Phoenix, Ariz.
BENDIXEN, H. H., assoc. an. M. G. H.
BENEDICT, E. B., endoscopist (*W.S.* 1926) M. G. H.
BENEDICT, PATRICIA H., a. *M.* 264 Beacon
Bengle, A. L., Jr., *E.S.* 1947; c.r.p. *An.* 1951 3020 Washington, San Francisco, Calif.
Bennett, C. B., *Or.* 1923
1122 University Ave., Berkeley, Calif.
BENNETT, DORIS R., clin. assoc. *C.M.* (*C.M.* 1951); a.r.p. *C.M.* 1952 340 Pleasant, Malden
Bennett, Lillian F., *C.M.* 1946
Johns Hopkins Hosp., Baltimore, Md.
Bennett, W., *M.* 1948; a.r.p. 1949
340 Pleasant, Malden
BERENBERG, W., cons. *C.M.*
Children's Med. Center
Berg, H. W., r.p. *D.* 1936
75 Willett, Albany, N. Y.
Berg, R. L., *M.* 1944; c.r.p. 1950
Strong Memorial Hosp., Rochester, N. Y.
Berkheimer, G. A., r.s. *Or.* 1941
112 State, Harrisburg, Pa.
Berkley, H. K., *C.M.* 1916
153 S. Lasky Dr., Beverly Hills, Calif.
Berlow, S., *C.M.* 1951; c.r.p. *C.M.* 1954 1513 E. Capitol Dr., Milwaukee, Wis.
BERNSTEIN, N. R., a. *Psychiat.*; a.r.p. *Psychiat.* 1954 M. G. H.
BERTLES, J. F., a. *M.* M. G. H.
BEUSCHER, RUTH B., a. attend. psychiat. (*McL.*)
1419 Beacon, Brookline
Bickley, D. W., *W.M.* 1936
318 W. 4th, Waterloo, Iowa
Bidwell, R. LeR., II, *E.S.* 1943; r.s. *N.S.* 1949
203 State, Portland, Maine
Bienvenu, L. J., a.r.p. *D.* 1951
1426 Elm, Manchester, N. H.
Bigelow, F. S., *E.M.* 1943; a.r.p. 1947
Boston City Hosp.
Billig, H. E., Jr., *Or.* 1935
Billig Clinic, 139 S. Alvarado, Los Angeles, Calif.
BINGER, C. A. L., hon. p. (*E.M.* 1915) M. G. H.
Binion, J. T., *M.* 1953; a.r.p. 1954
National Inst. of Health, Bethesda, Md.
BIRD, K. T., a.p. (*M.* 1944) M. G. H.

*Not in States and Cities section of this Directory

Bisgard, J. D., *W.S.* 1924
1420 Med. Arts Bldg., Omaha, Nebr.

Bishop, R. C., *M.* 1945; a.r.p. 1949
Simpson Memorial Inst., Ann Arbor, Mich.

Bixby, H. I., *W.S.* 1924
21 Park, Attleboro

BLACK, P. H., r.p. (*M.* 1957) M. G. H.

Blade, W. R., r.p. *R.* 1958
545 Fern, Fresno, Calif.

Blades, J. F., *N.S.* 1937
810 W. Franklin, Richmond, Va.

BLAND, E. F., p. (*E.M.* 1929) M. G. H.

BLANE, H. T., a. psychol. M. G. H.

BLANK, I. H., assoc. biochem. *D.* M. G. H.

Bliss, H. A., *M.* 1945; a.r.p. 1947
840 S. Wood, Chicago, Ill.

Block, G. L., r.s. *U.* 1950
1035 Carew Tower, Cincinnati, Ohio

Blodgett, F. M., *C.M.* 1946; c.r.p. *C.M.* 1950
Yale Univ. Sch. of Med., New Haven, Conn.

Blodgett, W. H., *Or.* 1940
603 Kales Bldg., Detroit, Mich.

Bloomberg, W., r.p. *N.* 1931
State Office Bldg., Hartford, Conn.

Bloomer, E., *E.S.* 1917
22340 Michigan Ave., Dearborn, Mich.

Bloomfield, D. K., r.p. 1957
Dept. of Chem., Harvard Univ., Cambridge

Blunden-Morris, Dulcie E., a.r.p. *An.* 1953
306 Patterson Ct., Takoma Pk., Md.

BOCK, A. V., hon. p. (*W.M.* 1917); sr.h.p. *W.M.* 1924
13 Holyoke, Cambridge

Boger, W. P., a.r.p. 1942
Norristown State Hosp., Norristown, Pa.

BOHRER, S. P., a.r.p. *R.* (*S.* 1959) M. G. H.

BOIVIN, M. J., a.r.p. *An.* M. G. H.

Boller, C., *E.M.* 1929
276 Dorchester Rd., Rochester, N. Y.

BONNER, FRANCES J., a. *Psychiat.*
127-A Bay State Rd.

Boone, J. A., *C.M.* 1934
Med. Coll. of South Carolina, Charleston, S. C.

BOOTH, N. A., dn.s. 82 Day, Norwood

BORA, F. W., Jr., sr.r.s. *Or.* M. G. H.

Borden, R. P., *W.S.* 1914
52 Main, New Britain, Conn.

BORNSTEIN, A. M., a.r.p. *Path.* M. G. H.

BORUCHOFF, S. A., a. *Oph.*
192 Bay State Rd.

Bosco, H. F., *Dn.* 1946
319 Commonwealth Ave., New Britain, Conn.

Bost, F. C., *Or.* 1929
384 Post, San Francisco, Calif.

Boutwell, H. K., *E.M.* 1905
201 St. Paul, Brookline

Bowden, L., *E.S.* 1941; a.r.s. 1942
863 Park Ave., New York, N. Y.

Bowditch, H., *W.M.* 1911
12 Pine, Peterborough, N. H.

BOWER, W. H., assoc. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1949
McLean Hosp., Belmont

Boyd, H., *C.M.* 1922
935 Main, Manchester, Conn.

Boyden, A. M., *W.S.* 1934
1216 S. W. Yamhill, Portland, Oreg.

Boyes, J. H., *Path.* 1930
1401 S. Hope, Los Angeles, Calif.

BRACE, L. D., *Trustee* 67 Milk

BRACONIER, H. E., a.s. *Oph.*
1180 Beacon, Brookline

BRAILEY, A. G., *Bd. of Cons.* (*E.M.* 1930) 1180 Beacon, Brookline

BRAMAN, CONSTANCE L., a. to gen. dir. *P.H.* (*S.N.* 1932) M. G. H.

Brandstrup, N. E., a.r.p. *C.M.* 1959
8 Juliane Marieves, Copenhagen, Denmark

Brannon, L. C., r.s. *N.S.* 1955
U. S. Naval Hosp., Philadelphia, Pa.

BRATT, H. A., a.dn.s.
8 Belgrade Ave., Roslindale

Braudo, J. L., a.r.p. *C.M.* 1953
Children's Med. Center

BRAZELTON, T. B., assoc.p. *C.M.*; a.r.p. *C.M.* 1947 51 Brattle, Cambridge

BRAZIER, MARY A. B., neurophysiol. *N.* M. G. H.

BREED, F. B., a.s. *Oph.*
3 Winter, Salem

Breer, R. D., a.r.p. *C.M.* 1957
17 Haynes, Manchester, Conn.

Brendler, S., sr.r.s. *N.S.* 1953
Walter Reed Hosp., Washington, D. C.

BRENDZE, R. B., a. *Or.*
218 Commonwealth Ave.
Brenizer, A. G., Jr., *W.S.* 1942; r.s. 1944 1012 Kings Dr., Charlotte, N. C.
BRENNER, J. H., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Brent, R. L., *C.M.* 1955
Grad. Sch. of Walter Reed Hosp., Washington, D. C.
Breslin, J. E., *C.M.* 1938
74 North, Pittsfield
Breslow, A., a.r.p. *Path.* 1959
Univ. of Washington, Seattle, Wash.
Brewster, H. H., *W.M.* 1940
University Hosp., Cleveland, Ohio
Brewster, W. R., Jr., a.r.p. *An.* 1950
Univ. of Florida, Gainesville, Fla.
Bridge, E. M., *C.M.* 1927
Johns Hopkins Hosp., Baltimore, Md.
BRIEFER, C., Jr., a.r.p. (*M.* 1959) M. G. H.
Brigham, F. G., *E.M.* 1910
27 Devon Rd., Chestnut Hill
Brindley, C. O., *M.* 1950
Mayo Foundation, Rochester, Minn.
Brock, B. L., *C.M.* 1923
Southeast Florida Tuberculosis Hosp., Lantana, Fla.
BROCKHURST, R. J., a.s. *Oph.* (*M.* 1948) 327 Charles
BRODERICK, T. F., Jr., clin. assoc. *Or.;* sr.r.s. *Or.* 1947
697 Cambridge, Brighton
Brooks, P. T., *E.S.* 1943; a.r.s. 1949
Walla Walla Clinic, Walla Walla, Wash.
Broome, R. A., Jr., *M.* 1944
3 W. Columbia, Orlando, Fla.
Brown, C. S., a.r.p. *D.* 1952
8218 Wisconsin Ave., Bethesda, Md.
Brown, F. Bert, *Or.* 1937
612 Drayton, Savannah, Ga.
BROWN, F. HAROLD, acting an. (*McL.*)
665 Great Plain Ave., Needham
Brown, Lloyd, *N.S.* 1938
341 Highland, Milton
Brown, Lloyd T., *S.S.* 1908
Murray Lane, Harvard
Brown, N. K., *M.* 1957; a.r.p. 1958
Walter Reed Army Med. Center, Washington, D. C.
Brown, Ralph G., *Path.* 1942
722 Prospect Ave., Winnetka, Ill.
Brown, Robert H., *E.S.* 1944; j.r.s. 1945 28 High, Sharon
Brown, Robert K., *W.S.,* 1939; r.s. 1942 1624 Gilpin, Denver, Colo.
BROWN, T., v.s. *Or.;* r.s. *Or.* 1949 M. G. H.
BROWNELL, G. L., assoc. physicist *M.* M. G. H.
Brownsberger, C. N., a.r.p. 1957
Mass. Mental Health Center
Brues, A. M., *E.M.* 1932
Argonne National Lab., Lemont, Ill.
Buchanan, R. N., Jr., r.p. *D.* 1941
706 Church, Nashville, Tenn.
Buchanan, W. R., Jr., *C.M.* 1955; r.p. *C.M.* 1957 56 High, Greenfield
BUCHER, NANCY L. R., assoc. biol. *M.* M. G. H.
BUCKLEY, F. M., a. psychol.
Boston Coll. Grad. Sch., Chestnut Hill
BUCKLEY, M. J., Jr., a.r.s. (*S.* 1959) M. G. H.
Bull, E. C., *Or.* 1917
384 Post, San Francisco, Calif.
Bullard, C. W., *W.S.* 1918
194 High, Newburyport
BULLINGTON, S. J., a. *Oph.*
1180 Beacon, Brookline
BULLWINKEL, B., a.r.s. (*S.* 1957) M. G. H.
BUNKER, J. P., an. (*E.S.* 1946); a.r.p. *An.* 1950 M. G. H.
BURBANK, C. B., clin. assoc. *S.* (*W.S.* 1939); r.s. 1942
94 Pleasant, Arlington; 270 Commonwealth Ave.
BURDEN, C. E., a.r.p. *C.M.* M. G. H.
BURGIN, L. B., p. *C.M.* (*C.M.* 1932); r.p. *C.M.* 1935
151 Kent, Brookline
BURKE, J. F., a. *S.* (*S.* 1952); r.s. 1957 M. G. H.
Burland, G. R., a.r.s. 1953
Olds, Alberta, Canada
Burnett, C. H., c.r.p. 1946
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
Burnett, F. L., *S.S.* 1908
520 Commonwealth Ave.
Burns, E. M., r.p. *Psychiat.* 1935
2222 N.W. Lovejoy, Portland, Oreg.
BURRAGE, WALTER S., *Bd. of Cons.* (*E.M.* 1927) 330 Dartmouth
Burrage, William C., *E.M.* 1941; a.r.p. 1946 57 Deering, Portland, Maine

Burrow, J. G., *Dn.* 1948; a.r.s. *Dn.* 1949 507 Main, Worcester

Burwell, C. S., *W.M.* 1919; h.p. *W.M.* 1921 416 Marlborough

Bush, R. D., *W.S.* 1943 203 Commonwealth Ave.

BUTLER, A. M., c. *C.M.* M. G. H.

BUTLER, W. T., a.r.p. (*M.* 1959) M. G. H.

Buttles, R. V., r.p. *Path.* 1950 Heaton Hosp., Montpelier, Vt.

Byers, R. K., *E.M.* 1923 Children's Med. Center

Byrnes, R. L., a.r.p. *Path.* 1954 679 S. Westlake Ave., Los Angeles, Calif.

CAIN, A. J., a. psychiat. (*McL.*) McLean Hosp., Belmont

Calhoun, F. P., Jr., *E.M.* 1938 540 Peachtree Battle Ave., Atlanta, Ga.

CALKINS, E., assoc. p.; c.r.p. 1952 M. G. H.

CALKINS, VIRGINIA B., a. *M.* (*McL.*) McLean Hosp., Belmont

CALLISON, J. R., a.r.s. M. G. H.

CALNAN, A. F., a. *Oph.* 534 Beacon

Cameron, H. S., sr.r.s. *Or.* 1957 450 Central Ave., London, Ontario, Canada

Campbell, C. R., r.p. *Path.* 1955 Mills Memorial Hosp., San Mateo, Calif.

Campbell, J. L., r.p. *An.* 1940 806 Republic Bldg., Denver, Colo.

CANER, G. C., *Bd. of Cons.* (*W.M.* 1924) 63 Marlborough

Canlas, B. D., Jr., r.p. *Path.* 1956 Coll. of Med., Univ. of the Philippines, Manila, P. I.

CANNON, B., v.s. M. G. H.

Cannon, J. A., *E.S.* 1944; a.r.s. *E.S.* 1946 365 W. Doran, Glendale, Calif.

Cantlon, E. L., *E.S.* 1938; r.s. *W.S.* 1941 220 S. Virginia, Reno, Nev.

Cantlon, J. V., *E.S.* 1935; r.s. *E.S.* 1938 130 N. Virginia, Reno, Nev.

CAPLAN, G., assoc. psychiat. 93 Fresh Pond Parkway, Cambridge; Harvard Sch. of Public Health

CAPLAN, L. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont

Capland, L., r.p. *D.* 1940 541 Lincoln Rd., Miami Beach, Fla.

Capps, J. A., *E.M.* 1896 21 Woodley Rd., Winnetka, Ill.

Capps, R. B., *C.M.* 1931 and *E.M.* 1933 122 S. Michigan Ave., Chicago, Ill.

Capps, S. C., *Path.* 1946; a.r.p. *Path.* 1949 Cincinnati Gen. Hosp., Cincinnati, Ohio

Cardenal, F. A., a.r.s. *Or.* 1959 Columela 4, Madrid, Spain

Carey, J. M., *W.S.* 1946 2221 N.W. 54th, Oklahoma City, Okla.

CAREY, R. W., a.r.p. (*M.* 1960) M. G. H.

CAREY, T. A., a.r.p. *R.* M. G. H.

Carmichael, Miriam W., a.r.p. *N.* 1956 Med. Coll. of Virginia, Richmond, Va.

Carmody, J. T. B., a.r.s. *N.S.* 1936 65 Elm, Worcester

CARNES, H. A., a. oral s. 29 Bay State Rd.

CARNEY, H. J., a. oral s. 395 Commonwealth Ave.

Carroll, R. E., *E.S.* 1943; r.s. *Or.* 1944 Columbia-Presbyterian Med. Center, New York, N. Y.

CARROLL, W. J. E., s. *Otolar.* 5 Chestnut, Arlington

Carson, P. C., r.s. *Or.* 1940 130 Maple, Springfield

CARTER, E. L., a.r.s. (*S.* 1954) M. G. H.

CARTER, F., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1948 51 Brattle, Cambridge

CARTER, GEORGE B., a.r.p. *R.* M. G. H.

Carter, George H., *M.* 1943; a.r.p. 1947; r.p. *Psychiat.* 1948 Boston Univ.-Mass. Memorial Hosp. Med. Center

CARTER, J. R., Jr., a.r.p. (*M.* 1960) M. G. H.

Carter, R. R., r.p. *N.* 1942 1020 S.W. Taylor, Portland, Oreg.

Cascario, N., Jr., *Dn.* 1944 36 N. 1st, Bangor, Pa.

Case, C. T., *W.S.* 1943 1424 Genesee, Utica, N. Y.

CASS, J. W., Jr., a.p. (*W.M.* 1931) 1101 Beacon, Brookline

CASTEN, V. G., s. *Oph.* (*N.* 1929) 412 Beacon

Castle, W. B., *E.M.* 1923 Boston City Hosp.

CASTLEMAN, B., c. *Path.* (*Path.* 1932); r.p. *Path.* 1935 M. G. H.

CATINELLA. P. J., a.d. 520 Commonwealth Ave.

Catterson, L. F., *C.M.* 1924
107½ High Ave., Oskaloosa, Iowa
CAUDILL, W., assoc. soc. anthropol. and acting c. *Soc. Sc.* (*McL.*)
McLean Hosp., Belmont
CAULFIELD, J. B., a. *Path.* M. G. H.
CAVANAUGH, T., assoc. s. *Oph.*
395 Commonwealth Ave.
CAVE, E. F., cons. v.s. *Or.* (*E.S.* 1926 and *Or.* 1928) M. G. H.
Cecil, L. McF., *M.* 1950
University Hosp., Ann Arbor, Mich.
CHAFETZ, M. E., assoc. psychiat. M. G. H.
Chaffin, G. L., *E.S.* 1918; h.s. *W.S.* 1921 and *U.* 1921
1136 W. 6th, Los Angeles, Calif.
CHALPIN, G., a. attend. psychiat. (*McL.*) 120 Sewall Ave., Brookline
Chamberlain, J. M., *N.S.* 1934 and *W.S.* 1937 23 E. 79th, New York, N. Y.
Chamberlin, H. R., *C.M.* 1949
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
Chamberlin, R. W., Jr., a.r.p. *C.M.* 1959 3-C Sunchon, Fort Bragg, Fayetteville, N. C.
Chapin, L. D., *E.M.* 1908
20 Maple, Springfield
Chaplin, H., Jr., *M.* 1948; r.p. 1950
Washington Univ. Sch. of Med., St. Louis, Mo.
Chapman, C. Ethelyn, *An.* 1937; r.p. *An.* 1938 Box 343, Rochester, Minn.
CHAPMAN, E. M., p. (*W.M.* 1931); c.r.p. 1934 M. G. H
CHAPMAN, R. B., a. *Oph.*
35 Greenleaf, Quincy
Charash, L. I., a.r.p. *C.M.* 1952
87 Webster, Irvington, N. J.
Chase, J. S., *E.S.* 1940
141 W. Elm, Brockton
CHASEN, MIGNON C., a. *Psychiat.;* a. attend. psychiat. (*McL.*)
111 Cedar, Newton Centre
Cheer, Sheo-Nan, *E.M.* 1922
Newton Baker Vet. Adm. Center, Martinsburg, W. Va.
Cheney, M. C., *W.M.* 1918
2560 Bancroft Way, Berkeley, Calif.
Chernoff, A. I., *M.* 1948
Memorial Res. Center, Univ. of Tennessee, Knoxville, Tenn.
CHISHOLM, J. F., Jr., a.s. *Oph.*
330 Dartmouth
Chittick, R. A., r.p. *Psychiat.* (*McL.*) 1938 Vermont State Hosp., Waterbury, Vt.
CHRIST, J., a. psychiat. (*McL.*)
McLean Hosp., Belmont
Christensen, W. R., *W.M.* 1943
Salt Lake County Gen. Hosp., Salt Lake City, Utah
Christenson, W. N., *M.* 1949; a.r.p. 1950
New York Hosp., New York, N. Y.
CHRISTMAN, G., a. oral s. (*Dn.* 1951); a.r.s. *Dn.* 1952
403 Commonwealth Ave.
CHURCHILL, E. D., c. *S.* (*W.S.* 1922); h.s. 1923 M. G. H.
CHUTE, R., *Bd. of Cons.* (*E.S.* 1929)
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Ciano, J. F., *Dn.* 1954
350 Hancock, Quincy
Claiborne, T. S., *W.M.* 1934
384 Peachtree, N.E., Atlanta, Ga.
Claman, H. N., r.p. 1958
address unknown
Clapp, S., *N.S.* 1939
3921 Ingomar, N.W., Washington, D. C.
CLARK, DEAN A., gen. dir. M.G.H.
Clark, DeWitt S., *E.S.* 1915
2 Oliver, Salem
Clark, G. O., *E.S.* 1904
633 Lilac Dr., Santa Barbara, Calif.
CLARK, J. G., Jr., a. psychiat. (*McL.*); r.p. *Psychiat.* 1955; r.p. *Psychiat.* (*McL.*) 1958 McLean Hosp., Belmont
Clark, L. D., *M.* 1948; r.p. *Psychiat.* 1950
Salt Lake County Gen. Hosp., Salt Lake City, Utah
Clark, M. M., *Or.* 1928
38 N. Goodman, Rochester, N. Y.
Clark, N. H., *W.M.* 1905
286 River Ave., Holland, Mich.
CLARK, R. J., assoc. p. (*W.M.* 1933)
15 Dix, Winchester
Clark, S. L., Jr., *M.* 1950
Vanderbilt Univ. Sch. of Med., Nashville, Tenn.
Clarke, B. G., *E.M.* 1943
Pratt Diagnostic Clinic
CLAY, C. L., a.dir. M. G. H.
Clement, J. D., Jr., *W.S.* 1944
77 Essex, Bangor, Maine
Clement, S. P., Jr., *M.* 1956
1266 4th, Sarasota, Fla.

Clifford, M. H., a.r.p. 1935
Union Central Life Ins. Co., Cincinnati, Ohio

CLIFFORD, S. H., cons. *C.M.* (*E.M.* 1927) Boston Lying-in Hosp.

CLINE, H. S., a. *Psychiat.;* a. attend. psychiat. (*McL.*); a.r.p. *Psychiat.* 1956 416 Marlborough

Cline, J. W., Jr., *E.S.* 1927
490 Post, San Francisco, Calif.

CLOUGH, J. M., a.s. *Oph.*
266 Beacon

CLOWER, VIRGINIA L., a. attend. psychiat. (*McL.*)
81 Irving, Cambridge

Clowes, G. H. A., Jr., a.r.s. 1948
Cleveland Metropolitan Gen. Hosp., Cleveland, Ohio

Cobb, C. A., Jr., r.p. *N.* 1948
Vanderbilt Med. Sch., University Hosp., Nashville, Tenn.

COBB, S., hon. p.; cons. psychiat. (*McL.*) M. G. H.

Cobbs, B. W., Jr., *M.* 1953; r.p. 1955
Emory Univ. Clinic, Atlanta, Ga.

Cochran, W. D., a.r.p. *C.M.* 1954
Children's Med. Center

Coe, R. C., *S.* 1951; r.s. 1955
1115 Columbia, Seattle, Wash.

COGAN, D. G., s. *Oph.* and dir. Howe Lab. Mass. E. & E. Inf.

Coggeshall, H. C., *W.M.* 1935
5105 Vandelio, Dallas, Tex.

Coggins, C. H., *M.* 1959
107 Monticello Ave., Piedmont, Calif.

COGSWELL, THELMA B., exec. a. *M.G.H. Clin.* (*S.N.* 1926) M. G. H.

COHEN, ALAN S., a. *M.* M. G. H.

COHEN, ALBERT, clin. assoc. *C.M.*
1093 Beacon, Brookline

Cohen, I. J., *C.M.* 1931
372 Parkside Ave., Brooklyn, N. Y.

Cohen, J., a.r.s. *Or.* 1950
Children's Med. Center

COHEN, MANDEL E., n.; a.r.p. *Psychiat.* 1936 M. G. H.

COHEN, MORRIS, cons. *Or.*
M.I.T., Cambridge

COHEN, R. B., a. path.; r.p. *Path.* 1953 M. G. H.

Cohn, R. B., *Path.* 1933 and *E.S.* 1936; r.s. *N.S.* 1934 and *W.S.* 1937
Stanford Lane, San Francisco, Calif.

Cohn, Z. A., *M.* 1954; a.r.p. 1955
Inst. of Research, Walter Reed Army Hosp. (Army Med. Center), Washington, D.C.

COLBY, F. H., *Bd. of Cons.* (*W.S.* 1920) 262 Beacon

Cole, C. H., *Path.* 1935
111 W. Main, Waterbury, Conn.

COLE, E. M., n.; r.p. *N.* 1932; r.p. *Psychiat.* 1934 (*McL.*) M. G. H.

COLE, M., a.r.p. *N.* M. G. H.

COLEMAN, R. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont

Coles, M. R., a.r.p. *Psychiat.* 1956; r.p. *Psychiat.* (*McL.*) 1957 M. G. H.

Coley, Mary S., *C.M.* 1955
49 Thornton Rd., Brookline

Coller, F. A., *W.S.* 1914; h.s. *W.S.* 1915 University Hosp., Ann Arbor, Mich.

COLLINS, D. L., Jr., a.r.s. (*S.* 1955) M. G. H.

Collins, G. H., a.r.p. *Path.* 1959 M. G. H.

Collins, H. Douglas, *M.* 1953; r.p. 1955 8 N. Main, Caribou, Maine

Collins, Harvey S., *M.* 1944; a.r.p. 1945
Memorial Hosp., New York, N. Y.

Collins, R., *E.S.* 1933
202 W. Glendale Ave., Alexandria, Va.

Colokathis, P., a.r.s. *Or.* 1954
795 Elm, Manchester, N. H.

Colpitts, G. E., r.p. *Path.* 1952
Dalhousie Med. Sch., Halifax, Nova Scotia, Canada

Colquhoun, J. B., *Or.* 1927
81 Collins, Melbourne, Victoria, Australia

Colwell, H. S., *E.M.* 1916
158 Whitney Ave., New Haven, Conn.

Comly, H. H., *C.M.* 1944
951 E. Lafayette, Detroit, Mich.

Compton, D. W., r.p. *An.* 1946
905 E. Columbia, Seattle, Wash.

Congdon, R. T., *W.S.* 1909
203 Palouse, Wenatchee, Wash.

Conley, J. E., *E.S.* 1941; a.r.s. 1942
425 E. Wisconsin Ave., Milwaukee, Wis.

Connelly, J. P., *C.M.* 1957; a.r.p. *C.M.* 1958
76 W. Norman Ave., Dayton, Ohio

Conrad, Elizabeth, a.r.p. *C.M.* 1945
2240 Cloverdale Ave., Winston- Salem, N. C.
Constable, J. D., *S.* 1953; r.s. 1959
Donner Lab., Univ. of California, Berkeley, Calif.
Cook, C. D., a.r.p. *C.M.* 1949
Boston Lying-in Hosp.
Coolidge, J. C., *C.M.* 1945
141 Coolidge Hill, Cambridge
Coolidge, T. B., *W.M.* 1929
Duke Univ., Durham, N. C.
Coombs, F. S., Jr., a.r.p. 1937
803 Home Savings and Loan Bldg., Youngstown, Ohio
Coons, A. H., *E.M.* 1939 H. M. S.
COPE, O., v.s. (*W.S.* 1930); r.s. *W.S.* 1932 M. G. H.
Cosby, R. S., *E.M.* 1940
1060 E. Green, Pasadena, Calif.
COSER, ROSE L., assoc. sociol. (*McL.*) McLean Hosp., Belmont
COSGROVE, W. L., a.dn.s.
12 Waltham, Lexington
Cotter, W. C., r.s. *N.S.* 1957
Children's Med. Center
Cotzias, G. C., *M.* 1944; r.p. *N.* 1945; a.r.p. 1946
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
COVITZ, E. E., a.s. *Oph.*
475 Commonwealth Ave
Cozen, L., *Or.* 1938
6221 Wilshire Blvd., Los Angeles, Calif.
CRABTREE, H. H., hon.s. (*E.S.* 1913); h.s. *W.S.* 1914 and *U.* 1919
1101 Beacon, Brookline
Craddock, C. G., Jr., a.r.p. *Psychiat.* 1950 Univ. of California Med. Center, Los Angeles, Calif.
Craige, E., *M.* 1943; r.p. 1948
North Carolina Memorial Hosp., Chapel Hill, N. C
Crandell, W. B., a.r.s. 1941
Vet. Adm. Hosp., White River Junction, Vt.
Crawford, E. S., *E.S.* 1947; r.s. 1954
Baylor Univ. Coll. of Med., Houston, Tex.
Crawford, H. B., *Or.* 1931; r.s. *Or.* 1932 35 Chestnut, Rochester, N. Y.
CRAWFORD, J. D., p. *C.M.* (*C.M.* 1945); c.r.p. *C.M.* 1949 M. G. H.
CROCKETT, D. C., assoc. dir. *Resources and Development* M. G. H.
Croll, Diane, r.p. *Path.* 1948
University Hosp., Iowa City, Iowa
Crone, N. L., *W.M.* 1933; r.p. 1937
Harvard Grad. Sch. of Business Adm.
CRONIN, T. P., a.s. *Oph.*
94 Pleasant, Arlington
CRONKHITE, L. W., Jr., a. *M.* (*M.* 1950); r.p. 1953 M. G. H.
Crystal, D. K., *W.S.* 1942; r.s. *W.S.* 1946 1110 Harvard Ave., Seattle, Wash.
Cudney, E. B., *Or.* 1926
Pontiac Motor Co., Pontiac, Mich.
CULVER, P. J., assoc. p. (*E.M.* 1942) M. G. H.
Cummer, F. H., Jr., sr. r.p. *Psychiat.* (*McL.*) 1950
Boston Univ.-Mass. Memorial Hosp. Med. Center
Cunningham, T. D., *W.M.* 1918 and *C.M.* 1920
1612 Tremont Pl., Denver, Colo.
CURRENS, J. H., a. *M.* M. G. H.
Currie, R. A., *S.* 1950; a.r.s. 1954
2818 Virginia Rd., Augusta, Ga.
CURTIN, R.R., a. *S.* (*S.* 1953); a.r.s. 1957 226 Marlborough
CURWEN, W. L., a. *D.* M. G. H.
Cutts, F. B., *W.M.* 1934
315 Olney, Providence, R. I.
DAGGETT, W. M., Jr., a.r.s. (*S.* 1959) M. G. H.
Dahl, L. K., c.r.p. 1947
Med. Dept., Brookhaven National Lab., Associated Universities, Inc., Upton, Long Island, N. Y.
DALAND, E. M., *Bd. of Cons.* (*W.S.* 1918) 483 Beacon
D'Alessandro, G. L., a.r.p. *An.* 1950
275 Forest Ave., Glen Ridge, N. J.
DALRYMPLE, W., a. *M.* (*M.* 1947)
Harvard Grad. Sch. of Business Adm.
DALTON, JOHN C., a. *M.*
330 Dartmouth
Dalton, John E., r.p. *S.M.* 1928
23 E. Ohio, Indianapolis, Ind.
DALY, HELEN M., exec. a. (*S.N.* 1922) M. G. H.
DAMIANI, C. R., a. *D.*; r.p. *D.* 1946
16 Norwich, Worcester
Damon, A., *M.* 1952
Harvard Sch. of Public Health
DANIELS, E. M., assoc. psychiat. (*McL.*) McLean Hosp., Belmont
DANIELS, HADASSAH S., a. attend. psychiat. (*McL.*) 520 Beacon

Dann, D. S., h.p. *R.* 1922
701 E. 63rd, Kansas City, Mo.

Darling, R. C., Jr., *C.M.* 1954; a.r.s. 1958
Vet. Adm. Hosp., Houston, Tex.

d'AUTREMONT, C. C., a. attend. psychiat. (*McL.*); r.p. *N.* 1948
Children's Med. Center

Davanloo, H., a.r.p. *Psychiat.* 1959
Metropolitan State Hosp., Waltham

David, J. R., *M.* 1956; a.r.p. 1957
National Inst. of Health, Bethesda, Md.

David, S. D., *Or.* 1922
1215 Walker Ave., Houston, Tex.

DAVIDOFF, F. F., a.r.p. (*M.* 1960)
M. G. H.

DAVIDSON, G. E., a. *Psychiat.*
M. G. H

DAVIES, J. A. V., *Bd. of Cons.*
319 Longwood Ave.

Davis, A. G., *Or.* 1922
address unknown

Davis, B. M., a.r.s. *W.S.* 1942
USPHS, Washington, D. C.

Davis, J. M., *S.* 1948; a.r.s. 1952
1661 Riverside Ave., Jacksonville, Fla.

DAVIS, NANCY L., a.r.p. *An.*
M. G. H.

DAWES, D. C., a. psychiat.; r.p. *Psychiat.* (*McL.*) 1939
51 Brattle, Cambridge

DAWSON, CHARLES B., a. psychol. (*McL.*)
McLean Hosp., Belmont

Dawson, Clyde W., *Or.* 1936
150 E. Broad, Columbus, Ohio

DeBLOIS, ELIZABETH, a.s. *Otolar.*
247 Commonwealth Ave

DeBusk, F. L., *C.M.* 1947; a.r.p. *C.M.* 1950
1750 N. Palafox, Pensacola, Fla.

DECKER, B. L., assoc.p. (*C.M.* 1931 and *W.M.* 1932)
266 Beacon

DEGEN, J. W., a. dir.
M. G. H.

DeGROOT, L. J., a. *M.*; r.p. 1957
M. G. H.

DeLORME, T. L., a. *Or.*; sr.r.s. *Or.* 1955
M. G. H.

d'Elseaux, F. C., *W.M.* 1929
37 Marlborough

de MARNEFFE, F. L. A., a. psychiat. (*McL.*); a.r.p. *Psychiat.* 1952
84 Garden, Cambridge

DEMING, RUTH, exec. a. *M. G. H. Clin.* (*S.N.* 1925)
M. G. H.

de MOLA, L. L., a.r.p. *Path.*
M. G. H.

DEMPSEY, P. A., dn.s.
56 Melville Ave., Dorchester

Dennie, C. C., *D.* 1914
1524 Professional Bldg., Kansas City, Mo.

Denton, Jane E., *M.* 1946; a.r.p. 1946
Cushing Vet. Adm. Hosp., Framingham

DePRIEST, O. S., III, a.r.s. (*S.* 1955)
M. G. H.

Derby, J. P., *Or.* 1925
20 Maple, Springfield

Derow, H. A., *Path.* 1928
1136 Beacon, Brookline

Derow, S., *Path.* 1931
925 Centre, Newton Centre

Derrick, C. C., *Path.* 1940 and *E.M.* 1942; r.p. *Path.* 1941
25 Maple, Springfield

DeSANCTIS, R. W., r.p. (*M.* 1956)
M. G. H.

Detwiler, Robert C., a.r.s. *Or.* 1956
68 Charlton Ave., West, Hamilton, Ontario, Canada

Detwiler, Robert H., *C.M.* 1940
13th and N. Hudson, Arlington, Va.

DEUTSCH, HELENE, *Bd. of Cons.*
44 Larchwood Dr., Cambridge

Dewey, E. B., *E.S.* 1921
Thatcher Med. Center, 960 E. Green, Pasadena, Calif.

DeWILDE, H., clin. assoc. *Dn.*
188 Longwood Ave.

DEXTER, C. J., clin. assoc. *S.*
51 Brattle, Cambridge

Deykin, D., *M.* 1958
Beth Israel Hosp.

DIAMOND, L. K., cons. *C.M.*
Children's Med. Center

Dickersin, G. R., a.r.p. *Path.* 1957
M. G. H.

Dickson, Carol C., *M.* 1948; *C.M.* 1949
1 University Pl., New York, N. Y.

DICKSON, W. A., assoc. p. *C.M.* (*C.M.* 1946); a.r.p. *C.M.* 1947
266 Beacon

Diehl, Sylvia Davies, a.r.p. *C.M.* 1958
Albert Einstein Coll. of Med., New York, N. Y.

DIENES, L., cons. b.
M. G. H.

Dillon, H. T., Jr., *Path.* 1958; a.r.p. *Path.* 1959
H. M. S.

Dillon, V. M., *Or.* 1932
490 Post, San Francisco, Calif.

DIMON, J. H., III, sr.r.s. *Or.*
M. G. H.

Diner, Wilma Canada, a.r.p. *Path.* 1951; r.p. *R.* 1954
Univ. of Arkansas Med. Center, Little Rock, Ark.
DINSMORE, P. R., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
DINSMORE, R. E., a.r.p. *R.* M. G. H.
Ditmore, H. B., Jr., *S.* 1954; a.r.s. 1958 c/o H. B. Ditmore, Sr., Marshall, N. C.
Dodd, R. B., a.r.p. *An.* 1950
Barnes Hosp., St. Louis, Mo.
DODGE, P. R., assoc.n. and assoc.p. *C.M.* M. G. H.
Dodge, R. S., a.r.s. *Or.* 1946
402 Dillingham Bldg., Honolulu, Hawaii
Dodson, L. C., r.s. *P.H.* 1932
330 Allen, Owensboro, Ky.
Dohan, F. C., a.r.p. 1935
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Doisy, E. A., Jr., *M.* 1945
St. Louis Univ. Med. Sch., St. Louis, Mo.
Dole, K. L., *E.S.* 1917
47 E. Vine, Redlands, Calif.
Dole, V. P., Jr., *E.M.* 1941
Rockefeller Inst. Hosp., New York, N. Y.
Donaghy, R. M. P., *N.S.* 1939; r.s. *N.S.* 1942 Mary Fletcher Hosp., Burlington, Vt.
Donald, J. H., *M.* 1947; a.r.p. 1948
1545 W. Colorado Blvd., Dallas, Tex.
DONALDSON, D. D., a. *Oph.*
Mass. E. & E. Inf.
DONALDSON, G. A., assoc. v.s. (*E.S.* 1938); r.s. 1942 M. G. H.
DONNELLY, E. W., a.r.p. *R.* M. G. H.
Donner, R., a.r.p. *Path.* 1957
Pr. Hendriklaan 27, Amsterdam, Holland
Donovan, J. F., sr. r.s. *Or.* 1957
85 Jefferson, Hartford, Conn.
DOWLING, J. L., Jr., a. *Oph.*
207 Waterman, Providence, R. I.
DRACHMAN, D. A., r.p. *N.* M. G. H.
Drake, E. H., a.r.s. 1945
18 Bramhall, Portland, Maine
Drake, T. G., a.r.p. 1937
4515 Lindell Blvd., St. Louis, Mo.
Dresel, R. L., *Or.* 1921
450 Sutter, San Francisco, Calif.
Drewry, G. R., *M.* 1953
994 Sumner Ave., Springfield
DREYFUS, P. M., a.n.; a.n. *Res. Dept.* (*McL.*); r.p. *N.* 1955 M. G. H.
DREYFUSS, J. R., assoc. r. M. G. H.
DROOKER, J. C., s. *Otolar.*
20 Charlesgate West
DUDA, G. A., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
DUDLEY, H. R., Jr., a. *Path.* (*M.* 1953); a.r.p. *Path.* 1954 M. G. H.
Duffy, R. J., r.p. *Psychiat.* (*McL.*) 1935 482 Beacon
DUGGAN, J. A., clin. assoc. *C.M.*
713 Pleasant, Worcester
Dulin, J. W., *Path.* 1933
University Hosp., Iowa City, Iowa
Duncombe, A. L., *E.M.* 1934
336 Pleasant, Brockton
Dunn, E., a.r.s. 1956
1200 E. Genesee, Syracuse, N. Y.
Dunn, Fa-Chi, a.r.p. *D.* 1954
280 W. MacArthur Blvd., Oakland, Calif.
DUNN, WILLIAM L., a.r.p. *Path.* M. G. H.
Dunn, William M., *E.S.* 1912
address unknown
DUNPHY, E. B., c. *Oph.*
Mass. E. & E. Inf.
Durno, E. R., *E.S.* 1929
7 S. Central Ave., Medford, Oreg.
D'Urso, J. J., r.p. *D.* 1944
301 Essex, Lawrence
DUXBURY, J. H., r.s. *U.* M. G. H.
Dwight, R. W., *W.S.* 1931
Vet. Adm. Hosp.,
150 S. Huntington Ave., Jamaica Plain
Dwyer, J. H., a.r.p. *C.M.* 1956; r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Belmont
DYER, E. C., clin. assoc. *C.M.*
1180 Beacon, Brookline
EASTON, M. T., s. *Oph.*
70 Carlton, Brookline
Edelman, G. M., *M.* 1955
132 Cross Bay Blvd., Ozone Park, N. Y.
Edgelow, A. F. G., *W.S.* 1921
76 Maple, Springfield
Edmonds, H. W., r.p. *Path.* 1942
909 University, Seattle, Wash.
EDMUNDS, L. H., Jr., a.r.s. (*S.* 1957) M. G. H.
Edsall, G., *E.M.* 1936
Walter Reed Army Inst. of Research, Washington, D. C.

Edwards, W. S., *W.S.* 1946; a.r.s. 1952 Med. Coll. of Alabama, Birmingham, Ala.

Egel, N., r.s. *Or.* 1938 917 Stella Ave., Plainfield, N. J.

Egloff, F. R. L., r.p. *Psychiat.* 1951 1007 Farmington Ave., W. Hartford, Conn.

Ehrenkranz, N. J., *M.* 1950; r.p. 1954 Univ. of Miami Sch. of Med., Miami, Fla.

Eiseman, B., *E.S.* 1943 Vet. Adm. Hosp., Denver, Colo.

ELDRED, S. H., assoc. psychiat. (*McL.*) McLean Hosp., Belmont

ELDREDGE, J. H., a.r.s. *Or.* M. G. H.

ELDREDGE, L. L., Jr., assoc. p. *C.M.*; a.r.p. *C.M.* 1951 215 Main, Hingham

Eliel, L. P., *E.M.* 1942 Oklahoma Med. Res. Inst., Oklahoma City, Okla.

Ellery, S. W., *E.S.* 1943 923 Rosewell Ave., Long Beach, Calif.

ELLETT, W. H., a. physicist *M.* M. G. H.

Elliot, H. L., r.p. *An.* 1942 479 Beacon, Manchester, N. H.

Elliott, J. A., Jr., *M.* 1945 1012 Kings Dr., Charlotte, N. C.

ELLIS, D. S., p. (*E.M.* 1941) M. G. H.

Ellis, Effie O., *C.M.* 1951; a.r.p. *C.M.* 1952 110 S. Oakley, Columbus, Ohio

Ellis, L. B., *E.M.* 1928 319 Longwood Ave.

Elrick, H. E., *M.* 1944; a.r.p. 1947 1055 Clermont, Denver, Colo.

EMERSON, G. F., clin. assoc. *S.* (*E.S.* 1939); r.s. 1942 764 Main, Hingham

Emerson, K., *E.S.* 1902 Peter Bent Brigham Hosp.

Emmons, A. B., II, *W.S.* 1905 Bay View Estates, Brewster Dr., Largo, Fla.

ENDEE, C. H., a.dn.s. 6 Marlborough

ENGEL, L. L., assoc. biochem. *M.* M. G. H.

ENGELMAN, K., a.r.p. (*M.* 1960) M. G. H.

ENGLAND, A. C., Jr., a. *N.* M. G. H.

English, H. S., a.r.p. *N.P.* 1948 1611 Genesee, Utica, N. Y.

Enterline, J. D., *E.S.* 1943; j.r.s. 1944 Box 381, Millwood, Wash.

Eppright, R. H., a.r.s. *Or.* 1955 1803 Calumet, Houston, Tex.

ERVIN, F. R., assoc. psychiat. 131 Sumner, Newton Centre

ESSEMBER, L. J., a.p. *C.M.*; a.r.p. *C.M.* 1953 25 Conant, Danvers

Esslinger, J. O., a.r.s. *Or.* 1952 76 W. Adams Ave., Detroit, Mich.

EUSTIS, R. S., *Bd. of Cons.* (*W.M.* 1912 and *C.M.* 1913) Hancock, N. H.

Evans, Richard R., *Path.* 1944 Cleveland Clinic, 2020 E. 93rd, Cleveland, Ohio

EVANS, ROBLEY D., cons. *Physics* M. I. T., Cambridge

Evans, S. S., *E.S.* 1945; a.r.s. 1950 619 S. Broadway, McAllen, Tex.

Everett, H. C., III, a.r.p. *Psychiat.* 1958 Student Health Service, Univ. of Illinois, Champaign, Ill.

Ewell, J. W., *W.M.* 1937 Dept. of Hygiene and Health, Yale Univ., New Haven, Conn.

Ewer, E. G., *Or.* 1936 1624 Franklin, Oakland, Calif.

Exley, M. M., r.s. *U.* 1938 515 Med. Arts Bldg., Norfolk, Va.

Eyler, W. R., *C.M.* 1943; r.p. *R.* 1949 Henry Ford Hosp., Detroit, Mich.

Fairlie, C. W., Jr., *W.M.* 1942; r.p. 1947 85 Jefferson, Hartford, Conn.

Fallon, J. T., *C.M.* 1925 Charles V. Chapin Hosp., Providence, R. I.

Fang, H. C.-H., a.r.p. *Psychiat.* 1952 Boston City Hosp.

Farmer, D. A., *W.S.* 1943 203 Commonwealth Ave.

FARNSWORTH, D. L., p. (*W.M.* 1935) 15 Holyoke, Cambridge

Farrell, M. E., *C.M.* 1934 318 Spring Ave., Clarksburg, W. Va.

FARRISEY, CLAIRE G., admin. a. (*R.N.*) M. G. H.

FARRISEY, RUTH M., exec. o. *M. G. H. Clin.* (*S.N.* 1938) M. G. H.

Faulkner, J. M., *E.M.* 1925 Med. Dept., M.I.T., Cambridge

Faust, L. W., r.s. *U.* 1924 425 Med. Arts Bldg., Grand Rapids, Mich.

Fawcett, D. W., *W.S.* 1943
H. M. S.
FAXON, H. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *E.S.* 1928
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain
FAXON, N. W., dir. emeritus (*S.S.* 1906) W. Falmouth
Fay, G. F., a.r.s. *Or.* 1957
1180 Beacon, Brookline
FAY, J. H., a.p. (*E.M.* 1929)
226 Marlborough
FEARER, N. H., a. *C.M.* (*C.M.* 1957); a.r.p. *C.M.* 1958 25 Conant, Danvers
FEDERMAN, D. D., a. *M.* (*M.* 1954); a.r.p. 1955 M. G. H.
FEENEY, F. J., a.dn.s.
444 Essex, Lawrence
Fennell, R. H., Jr., sr.r.p. *Path.* 1949
Presbyterian Hosp., Pittsburgh, Pa.
Ferguson, A. B., Jr., a.r.s. *Or.* 1950
Children's Hosp., Pittsburgh, Pa.
FERGUSON, E. L., clin. assoc. *S.* (*S.* 1954); a.r.s. 1959 159 Essex, Holyoke
Ferguson, I. A., Jr., *S.* 1953; a.r.s. 1959
Emory Univ. Clinic, Atlanta, Ga.
Ferguson, J. J., Jr., *M.* 1951; r.p. 1955
516 Westminster Ave.,
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FERNANDEZ-MORAN, H. A. V., assoc. biophysicist *N.S.* M. G. H.
FERRIS, B. G., cons. *M.*
Harvard Sch. of Public Health
Field, H., Jr., *C.M.* 1921 and *E.M.* 1922; r.p. *E.M.* 1925
Vet. Adm. Center,
Martinsburg, W. Va.
Field, J. B., *M.* 1952; r.p. 1954
National Inst. of Health,
Bethesda, Md.
FIELD, R. A., a.p. (*M.* 1950); c.r.p. 1955 M. G. H.
FIENBERG, R., clin. assoc. *Path.*
M. G. H.
Finck, A. J., a.r.p. *An.* 1949
Beth Israel Hosp.
Findlay, F. M., *E.S.* 1924
Masonic Bldg., Kingman, Ariz.
Fine, J., a.r.s. 1927
330 Brookline Ave.
FINESINGER, A. L., a. *Psychiat.*
296 Beacon
Finkenstaedt, J. T., *M.* 1947; r.p. 1949
Peter Bent Brigham Hosp.
FINLAYSON, N. B., a.r.p. *Path.*
M. G. H.
Finley, K. H., *W.M.* 1934; r.p. *N.* 1936 450 Sutter,
San Francisco, Calif.
Firminger, H. I., sr.r.p. *Path.* 1947
National Inst. of Health,
Bethesda, Md.
Fish, J. E., *E.S.* 1930; r.s. *E.S.* 1932
Lahey Clinic
FISHER, C. M., n. and assoc. n.p.
M. G. H.
Fisher, Mary S., *M.* 1949
Vet. Adm. Hosp., Philadelphia, Pa.
FISHMAN, N., clin. assoc. *Dn.*
361 Nichols, Norwood
Fishman, R. A., r.p. *N.* 1950
Columbia-Presbyterian Med. Center,
New York, N. Y.
Fitch, R. R., *W.M.* 1904
Northeast Harbor, Maine
Fite, E. H., *E.S.* 1926
204 N. 3rd, Muskogee, Okla.
Fitts, J. B., *Or.* 1917
923 W. Franklin, Richmond, Va.
FITZHUGH, G., p. 330 Dartmouth
FITZPATRICK, T. B., c. *D.* M. G. H.
Flagg, J. A., a.r.p. *An.* 1955
16 White Plains Rd.,
Trumbull, Conn.
Flanagan, N. B., a.r.p. *Psychiat.* 1940
270 Commonwealth Ave.
FLEMING, T. C., a.r.p. *N.* M. G. H.
Flood, W. E., a.r.p. *D.* 1942
1106 Med. Arts Bldg.,
Fort Worth, Tex.
Flook, S. E., *Or.* 1940
137 N. Main, Dayton, Ohio
FLORENCE, D. W., r.s. *Or.* M. G. H.
Floyd, C., *W.M.* 1904
55 Appleton, Cambridge
FLYNN, J. G., clin. assoc. *C.M.* (*C.M.* 1943); a.r.p. *C.M.* 1947
377 Essex, Salem
FOLCH-PI, J., dir. *Sc. Res.* (*McL.*)
McLean Hosp., Belmont
Foldes, F. F., r.p. *An.* 1943
Mercy Hosp., Pittsburgh, Pa.
FOLEY, F. D., a.r.p. *Path.* M. G. H.
Foley, T. M., *Or.* 1915
140 Quince, San Diego, Calif.
FOLKMAN, M. J., a.r.s. (*S.* 1958)
M. G. H.
FOLLENSBY, EDNA M., a. immunol. *M.* M. G. H.
Folsom, H. F., *W.M.* 1931
198 Union Ave., Framingham
FORBES, A., cons. *Neurophysiol.*
Biological Lab.,
Harvard Univ., Cambridge

FORBES, ANNE P., a.p. M. G. H.
Forbes, Vassilike A.-C., *C.M.* 1956
9 Ware, Cambridge
Ford, A. B., *M.* 1950; a.r.p. 1952
Benjamin Rose Hosp., Cleveland, Ohio
FORD, R., cons. *Forensic Path.*
784 Massachusetts Ave.
Fornshell, R. P., sr.r.s. *Or.* 1958
85 Osborne, Danbury, Conn.
FORRANT, HELEN, exec. a. (*S.N.* 1930) M. G. H.
Fort, F. L., *Or.* 1922
1022 Park, Jacksonville, Fla.
Fortune, C. W., *Or.* 1930
716 Sassafras, Erie, Pa.
FOSS, M. W., clin. assoc. *Dn.*
232 Main, Brockton
FOSTER, G. S., a.p. (*M.* 1952); a.r.p. 1953 M. G. H.
Fowler, C. B., *Or.* 1929
526 Soquel Ave., Santa Cruz, Calif.
Fowler, D. M., *E.S.* 1946
80 Mason Ter., Brookline
Frame, B., *M.* 1949; r.p. 1955
Henry Ford Hosp., Detroit, Mich.
Francis, L., a.r.p. *An.* 1950
202 Magnolia, Piedmont, Calif.
FRANK, T., a. *C.M.*; a.r.p. *C.M.* 1953
295 Longwood Ave.
FRANKLIN, W., a.p.
100 Country Club Rd., Newton Centre
Franseen, C. C., *W.S.* 1932
1180 Beacon, Brookline
Franseen, E. F., j.r.s. *Or.* 1947
146 Chestnut, Springfield
Franz, E. M., a.r.s. *Or.* 1948
1750 Race, Denver, Colo.
FRAZEE, J. R., s. *Otolar.*
1180 Beacon, Brookline
Frazier, H. S., *M.* 1954; a.r.p. 1955 M. G. H.
FREEDBERG, A. P., clin. assoc. *D.*
360 Essex, Salem
FREEDBERG, I. M., a.r.p. *D.* M. G. H.
Freedman, H. J., *C.M.* 1928
483 Beacon
Freeman, D. W., *C.M.* 1935
112 N. Burnett Ave., Denison, Tex.
Freeman, N. E., r.s. *W.S.* 1935
490 Post, San Francisco, Calif.
Freeman, W. T., *C.M.* 1922
Biltmore, N. C.
FREESE, C. G., Jr., a. *Oph.*
328 Washington, Wellesley Hills
Freiberg, J. A., *Or.* 1926
2939 Vernon Pl., Cincinnati, Ohio
FREINKEL, RUTH K., res. assoc. *D.*; r.p. *D.* 1957 M. G. H.
FREMONT-SMITH, M., *Bd. of Cons.*
12 Hereford
FREYMANN, J. G., a. *M.* (*M.* 1947); a.r.p. 1951 Memorial Hosp., Worcester
Frick, Adelaide H. C., a.r.p. *C.M.* 1946 Roslyn, Long Island, N. Y.
FRIED, M. A., assoc. psychol.
5 Myrtle
FRIEDLICH, A. L., assoc.p. (*M.* 1943); r.p. 1948 M. G. H.
Friedman, C. F., *C.M.* 1923
770 Ocean Ave., Brooklyn, N. Y.
Friedman, L. J., *M.* 1956
Mass. Mental Health Center
FRIEDMAN, S. B., c.r.p. *C.M.* (*C.M.* 1958) M. G. H.
Fritz, W. F., *M.* 1950; a.r.p. 1951
2 W. University Parkway, Baltimore, Md.
FROMER, J. L., clin. assoc. *D.*
Lahey Clinic
Frost, H. M., *W.S.* 1915
Friendship, Maine
FROST, R. G., a.r.p. *An.* M. G. H.
Fu, Wen Shou, *C.M.* 1926
1344 Connecticut Ave., Washington, D. C.
Fuchs, P., *W.S.* 1942
3a Ave. 7-34, Guatemala City, Guatemala
Fuldner, R. V., *Or.* 1939
178 Sherman Ave., New Haven, Conn.
Fuller, Henry, *W.M.* 1929
210 Hibriten Way, Lakeland, Fla.
Fuller, Henry S., *W.M.* 1943
Harvard Sch. of Public Health
Funsch, R. E., a.r.s. *Or.* 1951
210 Riverway
Fuson, W. A., r.p. *R.* 1927
905½ Main, Trenton, Mo.
FUTTERMAN, S., biochem. *Oph.*
Mass. E. & E. Inf.
Gabuzda, T. G., *M.* 1956; a.r.p. 1957
94 Baekkeskov Vej, Bronshoj, Denmark
Gaffney, T. E., a.r.p. 1959
Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio
GAITONDE, M. K., a. biochem. (*McL.*) 11 Howland, Cambridge

Gall, E. A., r.p. *Path.* 1937
Univ. of Cincinnati Coll. of Med., Cincinnati, Ohio

Gamble, C. J., *W.M.* 1922
255 Adams, Milton

Gammon, W. M., *C.M.* 1932
621 Lawrence Ave., Bristol, Va.-Tenn.

Gamsu, D., r.s. *N.S.* 1948
Florence Nightingale Private Hosp., Johannesburg, South Africa

GANEM, E. J., clin. assoc. *U.*
301 Essex, Lawrence

Gannon, Mary L., r.p. *N.P.* 1947
Fairfield, Vt.

GANZ, R. N., p. *C.M.* (*C.M.* 1925)
M. G. H.

GARCELON, G. G., clin. assoc. *S.*
701 Washington, Newtonville

GARDELLA, J. W., a. *M.* (*M.* 1945); a.r.p. 1946 M. G. H.

Gardiner, W. J., r.p. *E.M.* 1929
Toronto Gen. Hosp., Toronto, Canada

Gardner, G. E., *C.M.* 1938; r.p. *C.M.* 1939
Judge Baker Guidance Center, 295 Longwood Ave.

Gardner, L. I., *C.M.* 1944; a.r.p. *C.M.* 1947 Coll. of Med., State Univ. of N. Y., Syracuse, N. Y.

GARLAND, J., *Bd. of Cons.* (*C.M.* 1919 and *E.M.* 1921)
8 The Fenway

Garran, F. W., Jr., *S.* 1951; a.r.s. 1955
40 Lewis Bay Rd., Hyannis

GARRETT, J. W. D., assoc. an. (*An.* 1940); r.p. *An.* 1941 M. G. H.

GARREY, W. E., clin. assoc. *S.* (*E.S.* 1933); r.s. 1936
585 Main, Malden

Garrigues, H. B., *W.S.* 1939; a.r.s. *W.S.* 1940 1116 Summit Ave., Seattle, Wash.

Garrity, R. W., sr.r.s. *N.S.* 1950
3300 6th Ave., San Diego, Calif.

GASHGAI, A., a.r.s. (*S.* 1958)
M. G. H.

Gaston, L. W., *M.* 1954; r.p. 1956
M. G. H.

Gates, P. H., r.p. *Psychiat.* (*McL.*) 1942 4 Walnut Ave., Cambridge

GAULD, A. G., clin. assoc. *Obst.* (*E.S.* 1934) 1180 Beacon, Brookline

Gaunt, F. P., *W.S.* 1913
13-A N. Gore Ave., Webster Groves, Mo.

Gauthier, Jacqueline, a.r.p. *Psychiat.* 1957; r.p. *Psychiat.* (*McL.*) 1959
McLean Hosp., Belmont

Gay, L. N., *E.M.* 1918
1114 St. Paul, Baltimore, Md.

Gens, J. P., r.s. *U.* 1943
64 Wall, Norwalk, Conn.

Gentry, R. W., *E.S.* 1943
65 N. Madison Ave., Pasadena, Calif.

George, H. L., Jr., *C.M.* 1929; r.p. *C.M.* 1930 100 Stone, Watertown, N. Y.

GEPHART, F. T., assoc. v.s. (*W.S.* 1942); r.s. 1948 M. G. H.

GERGELY, J., assoc. biochem. *M.*
M. G. H.

Gevalt, F. C., Jr., a.r.p. 1943
Sharon Clinic, Sharon, Conn.

GIBERTI, FLORENCE, exec. a. *B.M.* (*S.N.* 1929) M. G. H.

Gibson, G. C., *W.S.* 1944
536 W. Commonwealth Ave., Fullerton, Calif.

Gibson, J. G., a.r.p. *Psychiat.* 1951
Dept. of Mental Health, Queen's Univ. of Belfast, Belfast, Northern Ireland

Gibson, L. E., r.s. *U.* 1926
713 E. Genesee, Syracuse, N. Y.

Giddings, W. P., *W.S.* 1939; r.s. 1946
528 Main, Bennington, Vt.

Gilbert, A. C., h.s. *U.* 1923
Vet. Hosp., Walla Walla, Wash.

Giles, R. B., Jr., a.r.p. 1956
Southwestern Med. Sch., Univ. of Texas, Dallas, Tex.

GILL, B. F., a. psychiat.
168 Homer, Newton Centre

Gillies, A. J., a.r.p. *An.* 1952
Strong Memorial Hosp., Rochester, N. Y.

Ginandes, S. C., *C.M.* 1952
270 Commonwealth Ave.

Glendy, Margaret Moriarty, *C.M.* 1932; r.p. *C.M.* 1934
Health Dept., Roanoke, Va.

Glendy, R. E., a.r.p. 1934
2037 Crystal Spring Ave., S.W., Roanoke, Va.

Glenn, W. W. L., a.r.s. 1946
Yale Univ. Sch. of Med., New Haven, Conn.

GLICKLICH, E. A., a.d.
403 Commonwealth Ave.

GLIMCHER, M. J., a. *Or.*; a.r.s. 1953; sr.r.s. *Or.* 1956 M. G. H.

GLINES, G. A., clin. assoc. *C.M.*
8 Porter, Melrose
GLOBUS, G. G., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
GLOTZER, D. J., a.r.s. (*S.* 1953); acting a.r.p. *Path.* 1959 M. G. H.
Glover, D. M., *W.S.* 1922
10525 Carnegie Ave., Cleveland, Ohio
Godley, Anne F., *M.* 1949; a.r.p. 1950
499 Mount Auburn, Cambridge
Goeringer, C. F., *Or.* 1940
209 S. 63rd, Philadelphia, Pa.
GOETHALS, T. R., hon. s. (*E.S.* 1917); h.s. *E.S.* 1919
34 Hawthorn Rd., Brookline
Goettsch, Elvira, *C.M.* 1931
4140 Ambrose Ave., Los Angeles, Calif.
Goetz, F. C., *M.* 1947; c.r.p. 1954
Univ. of Minnesota Hosp., Minneapolis, Minn.
GOHD, R. S., virol. (*E.* & *E.*)
Mass. E. & E. Inf.
GOLDBERG, A. H., a.r.p. *An.*
M. G. H.
Goldberg, L. I., *M.* 1957; a.r.p. 1958
National Inst. of Health, Bethesda, Md.
Goldblatt, M. E., *E.M.* 1926
975 Park Ave., New York, N. Y.
Golden, L. A., r.p. *Psychiat.* (*McL.*) 1936 1415 Delachaise, New Orleans, La.
Golden, R., h.p. *R.* 1921
Columbia-Presbyterian Med. Center, New York, N. Y.
GOLDEN, T. S., clin. assoc. *C.M.*
52 Lincoln, Framingham
Goldsmith, L. H., *C.M.* 1923
365 Cloverhurst Ave., Atlanta, Ga.
Goldthwait, Joel C., a.r.p. *Path.* 1948
1180 Beacon, Brookline
GOLDTHWAIT, JOEL E., hon. s.
372 Marlborough
Gomatos, P. J., r.p. 1959
Rockefeller Inst., New York, N. Y.
Goodale, F., Jr., a.r.p. *Path.* 1954
Dartmouth Med. Sch., Hanover, N. H.
GOODALL, E. B., a.s. *Oph.*
328 Washington, Wellesley Hills
Gordon, A. M., *C.M.* 1929
405 6th Ave., Des Moines, Iowa
Gordon, E. S., *Path.* 1935
Univ. of Wisconsin Hosp., Madison, Wis.
GORDON, J. E., cons. *Prev. M.*
Harvard Sch. of Public Health
Gordon, P. S., *Dn.* 1955
277 Williams, W. Haven, Conn.
Gore, C. P., a.r.p. *Psychiat.* 1952
1 Grosvenor Ct., Grosvenor Hill, Wimbledon, London S. W., England
Gorman, Rosemary V., a.r.p. 1945
626 Westminster Ave., Elizabeth, N. J.
Gottschalk, C. W., *M.* 1946; r.p. 1952
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
Goulian, M., a.r.p. 1959
Yale Univ. Sch. of Med., New Haven, Conn.
Graeser, J. B., *W.M.* 1929
298 Grand Ave., Oakland, Calif.
Graham, C. P., *E.S.* 1935 and *N.S.* 1936
21 N. Front, Wilmington, N. C.
GRAHAM, JOHN B., clin. assoc. *S.*
Roswell Park Memorial Inst., Buffalo, N. Y.
GRAHAM, JOHN R., clin. assoc. *M.* (*W.M.* 1936)
Faulkner Hosp., Jamaica Plain
Grant, G. J. M., r.p. *D.* 1932
310 Merrimack, Lowell
Grant, L. H., a.r.p. 1957
Vet. Adm. Hosp., W. Roxbury
GRANT, W. M., a.s. *Oph.*
Mass. E. & E. Inf.
GRAY, B. C., a. *D.* 416 Marlborough
GRAY, F. C., *Chairman of Trustees* and *Vice-President of the Corporation* 10 P. O. Sq.
Graybiel, A., *E.M.* 1932
Naval Air Station, Pensacola, Fla.
Greeley, H. P., *W.M.* 1910
19 Monmouth Ct., Brookline
GREEN, T. H., Jr., a.s. (*W.S.* 1947); r.s. 1953 226 Marlborough
GREENBERG, J. J., a.r.s. (*S.* 1957)
M. G. H.
Greene, D. C., Jr., *C.M.* 1940
263 South Ave., Weston
Greene, G. S., a.r.s. *Or.* 1948
85 Jefferson, Hartford, Conn.
Greene, N. M., a.r.p. *An.* 1951
Strong Memorial Hosp., Rochester, N. Y.
Greene, Richard W., *M.* 1945
713 E. Genesee, Syracuse, N. Y.
Greene, Robert G., a.r.s. *Or.* 1953
63 S. Fullerton Ave., Montclair, N. J.

Greenhill, M. H., r.p. *Psychiat.* 1939
Psychiatric Inst., University Hosp.,
Baltimore, Md.
Greenough, J., *W.S.* 1920
11 Lawn Ave., Oneonta, N. Y.
Greenwood, F. A. H., a.r.s. *Or.* 1959
Montreal Children's Hosp.,
Montreal, Canada
GREGG, W. I., clin. assoc. *S.* (*W.S.* 1935) 1269 Beacon, Brookline
Gregory, H. E., *C.M.* 1942
N. Main, Wolfeboro, N. H.
Gregory, R. A., r.p. *N.* 1933
Fairville, New Brunswick, Canada
Grice, D. S., *Or.* 1943
Hosp. of Univ. of Pennsylvania,
Philadelphia, Pa.
Grier, R. S., *E.M.* 1942; a.r.p. 1943
4925 Trinity Dr., Los Alamos, N. M.
GRIESEMER, R. D., a.d.; sr.r.p. *D.* 1949 M. G. H.
GRIFFEY, L. E., a. *Otolar.*
Mass. E. & E. Inf.
Griggs, J. B., *C.M.* 1929
650 Farmington Ave.,
Hartford, Conn.
GRILLO, H. C., a.s. (*S.* 1948); r.s. 1955 M. G. H.
GRINER, P. F., a.r.p. (*M.* 1960)
M. G. H.
GRISCOM, N. T., a.r.p. *R.* (*C.M.* 1957); a.r.p. *C.M.* 1960 M. G. H.
GROSS, J., assoc. biol. *M.* M. G. H.
Grossman, M. S., *C.M.* 1958; a.r.p. *C.M.* 1959 Children's Med. Center
GROVE-RASMUSSEN, M., dir. of *Blood Bank* M. G. H.
GROVER, J. W., a.r.s. (*S.* 1957)
M. G. H.
Groves, L. K., *W.S.* 1947
Cleveland Clinic Foundation,
2020 E. 93rd, Cleveland, Ohio
GRUNEBAUM, H. U., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Guardo, J. L., *N.S.* 1930; a.r.s. *N.S.* 1931 5 Aldwin Rd., Jamaica Plain
GUILD, H. R., *Trustee* and *Treasurer of the Corporation* 294 Washington
Guller, E. I., *C.M.* 1924
245 Alexander, Rochester, N. Y.
GUNDERSEN, A. ERIK, a.r.s. (*S.* 1956) M. G. H.
Gundersen, Adolf L., *S.* 1950; a.r.s. 1955 218 S. 14th, La Crosse, Wis.
Gundersen, Sigurd B., Jr., *S.* 1949; a.r.s. 1954 218 S. 14th,
La Crosse, Wis.
Gundersen, Sven M., *E.M.* 1931
Hitchcock Clinic, Hanover, N. H.
Gundersen, Thorolf E., r.p. *N.* 1941
Gundersen Clinic, La Crosse, Wis.
GUNDERSEN, TRYGVE, s. *Oph.*
534 Beacon
GURALNICK, W. C., a. oral s.
29 Commonwealth Ave.
GUTHRIE, A. D., Jr., a. *C.M.*
2 Water, Medford
Guyton, A. C., *W.S.* 1943; a.r.s. 1946
Box 153, Route 7, Jackson, Miss.
Haber, E., *M.* 1957; a.r.p. 1958
National Inst. of Health,
Bethesda, Md.
HACKETT, T. P., a. psychiat.
M. G. H.
Haessler, H. A., a.r.p. *C.M.* 1960
M. G. H.
HAFTER, S. SHEILA, r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Haggart, G. E., *W.M.* 1920
605 Commonwealth Ave.
HAGGERTY, R. J., a.p. *C.M.*
300 Longwood Ave.
Haines, S. F., *W.M.* 1921
Mayo Clinic, Rochester, Minn.
Hale, C. H., sr. r.p. *R.* 1943
1200 E. Genesee, Syracuse, N. Y.
HALEY, W. D., a.s. *Oph.*
1180 Beacon, Brookline;
78 Church, Winchester
Hall, B., *M.* 1946
40 S. Clay, Hinsdale, Ill.
Hall, F. C., *E.M.* 1918
1180 Beacon, Brookline
Hall, H. D., *Dn.* 1958; a.r.s. *Dn.* 1959
Univ. of Alabama Med. Center,
Birmingham, Ala.
Hall, M. G., *Path.* 1934 Danvers
Hall, R. G., *W.M.* 1910
919 S.W. Taylor, Portland, Oreg.
HALL, T. C., a. *M.*; a. *M.* (*McL.*); a.r.p. 1954 M. G. H.
HALL, V. R., a. psychiat.; r.p. *Psychiat.* 1938 422 Beacon
HALLENBECK, D. F., Jr., a. psychiat. (*McL.*); r.p. *Psychiat.* 1949; sr. r.p. *Psychiat.* (*McL.*) 1951
McLean Hosp., Belmont
HALLOWELL, P., assoc. an.; a.r.p. *An.* 1955 M. G. H.
Halsted, J. A., *W.M.* 1932
Vet. Adm. Hosp., Syracuse, N. Y.
Hamilton, Harold H., r.s. *P.H.* 1933
70 Court, Plymouth
Hamilton, Howard B., *C.M.* 1945
350 Henry, Brooklyn, N. Y.

Hamilton, R. DeL., *E.M.* 1904
223 High, Newburyport
HAMLIN, E., Jr., v.s. (*W.S.* 1936); r.s. *W.S.* 1939 M. G. H.
HAMLIN, H., a. *N.S.*; r.s. *N.S.* 1942
270 Benefit, Providence, R. I.
Hammond, J. W., Jr., *C.M.* 1911 and *W.M.* 1914
112 E. 74th, New York, N. Y.
Hammond, W., *Path.* 1929
36 Crane Rd., Scarsdale, N. Y.
Hand, D. W., *Or.* 1934
450 Sutter, San Francisco, Calif.
HANSEN, ROBERT J., cons. *Or.*
Newton-Wellesley Hosp., Newton
Hanflig, S. S., *Or.* 1931
371 Commonwealth Ave.
Hansen, Robert H., a.r.p. *An.* 1957
286 Marion Dr., Baton Rouge, La.
HANSEN, ROBERT J., cons. *Or.*
M.I.T., Cambridge
Hanser, T. H., *E.M.* 1924
3701 Grandel Sq., St. Louis, Mo.
Haralambie, J. Q., *C.M.* 1936
17 N. Chatsworth Ave., Larchmont, N. Y.
Harder, H. J., a.r.p. *An.* 1952
Virchow Hosp., W. Berlin N65, Germany
HARDY, HARRIET L., assoc. p.
M. G. H.
HARDY, I. B., clin. assoc. *S.* (*E.S.* 1939); a.r.s. 1942
94 Russell, Waltham
HARE, A. P., assoc. sociol. *Psychiat.*
M. G. H.
HARGRAVES, ELEANOR R., exec. a. (*R.N.*) M. G. H.
Harper, R. S., a.r.p. *Path.* 1958
M. G. H.
Harral, P., *Or.* 1936
450 Sutter, San Francisco, Calif.
Harris, H. P., Jr., *N.S.* 1936
1432 Post Rd., Fairfield, Conn.
Harris, W. Robert, a.r.s. *Or.* 1952
170 St. George, Toronto, Canada
Harris, William H., sr.r.s. *Or.* 1959
M. G. H.
Harrison, Elizabeth R., *C.M.* 1928; r.p. *C.M.* 1929
255 Bradley, New Haven, Conn.
Harrison, M. B., *E.M.* 1938
104 Funston Ave., San Francisco, Calif.
Harrison, P. W., *E.S.* 1909; h.s. *U.* 1915 Bahrain, Persian Gulf
Harrison, T. S., a.r.s. 1959
Penny Farms, Fla.
Harter, J. S., *W.S.* 1935
321 W. Broadway, Louisville, Ky.
Harting, D., *C.M.* 1947
1625 Northern Parkway, Baltimore, Md.
Hartwig, A. R., a.r.s. *Or.* 1948
490 Post, San Francisco, Calif.
Harty, J. E., r.p. *Psychiat.* (*McL.*) 1939
101 N. Main, Waterbury, Conn.
Harvey, R. B., *M.* 1946
Naval Air Base, Floyd Bennett Field, Brooklyn, N. Y.
HARWOOD, R., assoc. p. (*W.M.* 1936) M. G. H.
Hashimoto, K., a.r.p. *D.* 1959
2-808 Suidocho, Niigata City, Japan
Haswell, H. P., a.r.p. *An.* 1949
2217 Webster, San Francisco, Calif.
Hatch, Floyd F., *E.S.* 1916; h.s. *E.S.* 1917 699 E. South Temple, Salt Lake City, Utah
HATCH, FRANCIS W., *Trustee*
462 Boylston
HATCH, FREDERICK T., a.p.
M. G. H.
Hathaway, J. S., r.p. *E.M.* 1932
109 College, New Haven, Conn.
HAUSER, G. P., a. biochem. (*McL.*)
7 High Rock Way, Allston
Haut, A., *M.* 1950; r.p. 1953
Univ. of Utah Sch. of Med., Salt Lake City, Utah
Havemeyer, W. F., a.r.s. 1948
Box 308, Willcox, Ariz.
HAVEN, G. W., dn.s. (*McL.*)
29 Bay State Rd.
Hawes, C. H., *W.S.* 1931
151 Rock, Fall River
Hawes, L. E., *E.M.* 1939 and *C.M.* 1940; a.r.p. *R.* 1942
Faulkner Hosp., Jamaica Plain
Hawkes, R. S., *W.M.* 1933
47 Deering, Portland, Maine
Hawkins, R., r.s. *N.S.* 1948
571 Hamilton Ave., Palo Alto, Calif.
HAYCOX, J. A., a. psychiat. (*McL.*)
McLean Hosp., Belmont
HAYDEN, E. P., *Bd. of Cons.;* h.s. *E.S.* 1923 270 Commonwealth Ave.
Hayden, J. W., a.r.s. *Or.* 1955
Children's Med. Center
Hayes, D. R., *E.S.* 1939
281 State, Springfield
Haynes, Ruth C., a.r.p. *An.* 1955
131 S. Grant Ave., Columbus, Ohio

Haynes, W. M., *S.* 1952; a.r.s. 1956
131 S. Grant Ave., Columbus, Ohio
HEAD, J. M., a. *S.* (*S.* 1951); a.r.s. 1957 c/o Dr. Richard H. Sweet, 87 Chestnut
HEALEY, J. C., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
Heath, C. W., *W.M.* 1928
13 Holyoke, Cambridge
Heath, P., Jr., a.r.p. 1954
22 White, Rockland, Maine
Heath, R. D., a.r.s. *Or.* 1950
Lankenau Hosp. Med. Bldg., Philadelphia, Pa.
Hebertson, W. M., r.p. *N.* 1957
M. G. H.
HEDBERG, S. E., a.r.s. (*S.* 1956)
M. G. H.
Heffron, R., *E.M.* 1931
The Commonwealth Fund, 1 E. 75th, New York, N. Y.
Heggie, J. F., *M.* 1956
20 Cleveland Ave., Glen Head, Long Island, N. Y.
HELMAN, M. E., a.d.
1874 Beacon, Brookline
Helmholz, H. F., Jr., *W.M.* 1939
Mayo Clinic, Rochester, Minn
HENDREN, W. H., III, a. *S.* (*S.* 1953); r.s. 1958
Children's Med. Center; M. G. H.
Hendrick, I., r.p. *Psychiat.* (*McL.*) 1932 84 Mount Vernon
Henley, T. F., *C.M.* 1939
116 Lockland Ave., Winston-Salem, N. C.
Henry, M. O., *Or.* 1922
825 Nicollet Ave., Minneapolis, Minn.
Hepburn, J. P., a.r.p. *An.* 1953
Milton Hosp., Milton
Hepburn, R. H., r.s. *U.* 1943
85 Jefferson, Hartford, Conn.
Herbst, A. L., *S.* M. G. H.
HERM, R. J., a. *Oph.*
314 Main, Melrose
HERMANN, G., a.r.s. (*S.* 1955)
M. G. H.
HERMANN, H. T., a. *Psychiat.*
M. G. H.
Herrera, R. E., *E.S.* 1943; a.r.s. 1946
c/o Herrera and Co., Inc., Guatemala City, Guatemala
Herring, Eleanor J., a.r.p. *C.M.* 1944
Duke Univ., Durham, N. C.
HERRMANN, J. B., a.r.s. (*S.* 1958)
M. G. H.
Hershey, F. B., *E.S.* 1947; r.s. 1952
18 S. Kingshighway, St. Louis, Mo.
HERZAN, HELEN M., a. *Psychiat.*
1791 Massachusetts Ave., Cambridge
HESS, HELEN H., assoc. n.p. (*McL.*)
McLean Hosp., Belmont
Heusner, A. P., *E.S.* 1939; a.r.s. 1942 and r.s. *N.S.* 1943
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
Heyl, H. L., r.s. *N.S.* 1940
Hitchcock Foundation, Hanover, N. H.
Heyl, J. T., *W.M.* 1939
Phillips Exeter Acad., Exeter, N. H.
Hiden, R. B., *W.M.* 1925
Silver Hill Foundation, New Canaan, Conn.
HIEBERT, C. A., clin. assoc. *S.* (*S.* 1952); r.s. 1958 28 Orchard, Portland, Maine
Hiebert, J. M., *C.M.* 1933
6533 E. Jefferson, Detroit, Mich.
Hiett, Joan Kazanjian, r.p. *C.M.* 1959
1904 Hudson Dr., Altus, Okla.
Higbee, D. R., *W.M.* 1925
1612 Tremont Pl., Denver, Colo.
Higgins, R. B., a.r.s. *U.* 1951
148 Shelbourne Towers, Knoxville, Tenn.
HILL, J. M., a.s. *Oph.*
108 Bay State Rd.
Hill, Leonard W., *C.M.* 1935
76 Bank, Attleboro
Hill, Lewis W., *W.M.* 1915
319 Longwood Ave.
Hill, N. P., *M.* 1946; a.r.p. 1946
Truesdale Hosp., Fall River
HILL, W. R., a.d. M. G. H.
Hills, H. M., Jr., *Or.* 1942
1208 Kanawha Blvd., East, Charleston, W. Va.
Hills, O. W., *M.* 1943
111 St. Matthews Ave., San Mateo, Calif.
Hinshaw, A. J., *E.S.* 1947
3155 Stagg Dr., Beaumont, Tex.
HIRSCH, L. S., a. *Otolar.*
42 Lincoln, Framingham
HIRSCH. O., cons. *N.S.*
186 Commonwealth Ave.
Hitchcock, J., *W.M.* 1921
39 Main, Concord
HOAGLAND, M. B., assoc. biochem. *M.* M. G. H.
Hobson, L. B., *M.* 1944
New York Hosp., New York, N. Y.

Hochwalt, W. R., *Or.* 1931; r.s. *Or.* 1931 209 N. Main, Dayton, Ohio

HODGE, A. J., cons. *Or.* M.I.T., Cambridge

Hodges, T. W., *Or.* 1941 Yates Clinic, 1801 K, N. W., Washington, D. C.

HODGSON, J. S., hon. s. (*W.S.* 1916); h.s. *W.S.* 1916 and *E.S.* 1920 1180 Beacon, Brookline

Hoeffel, G. N., *C.M.* 1922; h.p. *C.M.* 1923 Truro

HOFER, M. A., II, a.r.p. (*M.* 1959) M. G. H.

Hoffman, H. A., r.s. *U.* 1946 60 8th, New Bedford

Hogan, J. F., *M.* 1949 and *C.M.* 1950; a.r.p. *C.M.* 1951 156 Broadway, Pawtucket, R. I.

Holbrook, A. A., *C.M.* 1933 and *E.M.* 1934 425 E. Wisconsin Ave., Milwaukee, Wis.

HOLDER, R., a. psychiat. (*M.* 1945); r.p. *Psychiat.* 1946 274 Commonwealth Ave.

Holihan, J. P., *E.S.* 1943; a.r.p. *An.* 1949 Andover

HOLLAND, D. J., Jr., clin. assoc. *Dn.* (*Dn.* 1938); a.r.s. *Dn.* 1947 1146 Beacon, Brookline

Holland, Jimmie Brockman, r.p. *Psychiat.* 1955 302 Crosby Blvd., Buffalo, N. Y.

HOLMES, E. M., s. *Otolar.* 330 Dartmouth

HOLMES, J. A., clin. assoc. *S.* (*Path.* 1936 and *E.S.* 1938) 94 Russell, Waltham

Holmes, R. B., r.p. *R.* 1950 Toronto Gen. Hosp., Toronto, Canada

Holmes, S. G., *C.M.* 1943 1606 E. La Rua, Pensacola, Fla.

Holt, C. L., *N.S.* 1938 29 Deering, Portland, Maine

Holt, W. L., Jr., r.p. *N.* 1937 Westboro State Hosp., Westboro

Holtz, A. I., *C.M.* 1958 National Inst. of Health, Bethesda, Md.

HOMANS, J., Jr., a. *M.* (*W.M.* 1942); a.r.p. 1946 1776 Beacon, Brookline

HOMANS, MRS. ROBERT, *Trustee* 280 Beacon

Hoodless, E. C., a.r.s. *Or.* 1952 1105 Pandora Ave., Victoria, British Columbia, Canada

Hopkins, C. E., a.r.p. *C.M.* 1948 Johns Hopkins Hosp., Baltimore, Md.

Hopkins, F. S., *E.S.* 1919 146 Chestnut, Springfield

Hopkins, R. W., *S.* 1948; a.r.s. 1954 Cleveland Metropolitan Gen. Hosp., Cleveland, Ohio

Hopkins, S. W., *E.S.* 1936 28 Orne, Marblehead

Hormell, R. S., *Or.* 1942 1180 Beacon, Brookline

Horn, C. E., *Or.* 1940; r.s. *Or.* 1942 2901 Capitol Ave., Sacramento, Calif.

Horwitz, W. H., r.p. *Psychiat.* (*McL.*) 1951 82 Marlborough

Hovsepian, Jeannette A., a.r.p. *R.* 1958 Columbia-Presbyterian Med. Center, New York, N. Y.

Howard, F. H., *C.M.* 1949; a.r.p. *C.M.* 1950 140 W. Spruce, Sault Ste. Marie, Mich.

Howard, H. H., *W.S.* 1914 1 Fishers Lane, Delray Beach, Fla.

Howard, J. E., *W.M.* 1930 Johns Hopkins Hosp., Baltimore, Md.

HOWARD, P. M., assoc. c. psychiat. (*McL.*); psychiat.; r.p. *Psychiat.* 1937; r.p. *Psychiat.* (*McL.*) 1939 McLean Hosp., Belmont

HOWE, HENRY D., a.dn.s. (*Dn.* 1945) 196 Marlborough

Howe, Henry F., r.s. *P.H.* 1934 11 N. Main, Cohasset

HOWE, LOUISA P., a. sociol. *Psychiat.* 20 Whittier

Howland, J. B., *W.S.* 1897 657 Main, Hingham

Hoyt, W. F., *W.S.* 1932; r.s. *W.S.* 1934 38 School, Springfield

Hubbard, E., Jr., *W.M.* 1921 29 Highland, Cambridge

Huber, W. M., r.p. *D.* 1937 Columbia-Presbyterian Med. Center, New York, N. Y.

Huckell, J. R., a.r.s. *Or.* 1958 McLeod Bldg., Edmonton, Alberta, Canada

Hugenberger, P. W., *Path.* 1931 and *Or.* 1935; r.p. *Path.* 1932 234 Marlborough

HUGGARD, MIRIAM, exec. a. *P.H.* (*S.N.* 1931) M. G. H.

HUGGINS, C. E., a. *S.* (*S.* 1953); r.s. 1960 M. G. H.

Hughes, H. C., *Or.* 1937
203 Metropolitan Bldg., Denver, Colo.

Hügin, W., a.r.p. *An.* 1948
Chir Klink im Burgerspital, Basel, Switzerland

Hummel, L. E., *Path.* 1932
135 Linwood Ave., Buffalo, N. Y.

Humphreys, S. P., *Or.* 1936; a.r.s. *N.S.* 1937
264 Beacon

Hunt, R. T. N., *Path.* 1957; a.r.p. *Path.* 1958
Barnes Hosp., St. Louis, Mo.

Hunt, S. P., a.r.p. *Psychiat.* 1940
R. D. #3, Bethesda, Md.

Hunter, R. W., a.r.p. *N.* 1939
Hitchcock Clinic, Hanover, N. H.

HUNTINGTON, B. L., a.p. (*W.M.* 1940)
John Hancock Mut. Life Ins. Co.

Huntington, J. L., *S.S.* 1908
River Dr., Hadley

Hüppe, J. R., r.p. *R.* 1957
Adelbert Stifter Str. 27, München 27, Germany

HURLEY, P. D., a. *Oph.*
270 Commonwealth Ave.

HURST, A. L., a. *Otolar.*
60 Charlesgate West

HURWITZ, J. J., a. *U.* 636 Beacon

Hurxthal, L. M., *W.M.* 1925; r.p. *E.M.* 1927
605 Commonwealth Ave.

HUSSEY, MARGARET B., a. *D.*
59 Coddington, Quincy

Huston, L. L., *Or.* 1937
67 Converse, Longmeadow

Hyatt, G. T., *W.S.* 1931 and *Or.* 1934
412 S. E. 4th, Evansville, Ind.

Ibsen, B., a.r.p. *An.* 1950
Solotorvet 84, Copenhagen K, Denmark

Ilfeld, F. W., *Or.* 1937; r.s. *Or.* 1937
6367 Wilshire Blvd., Los Angeles, Calif.

Ingalls, T. H., r.p. *C.M.* 1938
Univ. of Pennsylvania Sch. of Med., Philadelphia, Pa.

INGERSOLL, F. M., assoc. v.s. (*W.S.* 1939); a.r.s. 1942 226 Marlborough

IRWIN, J. W., a. *M.* M. G. H.

Isaacs, J. P., a.r.p. *An.* 1952
Harvard Sch. of Public Health

ISSELBACHER, K. J., a.p. (*M.* 1950); r.p. 1953 M. G. H.

Ives, L. M., r.p. *Psychiat.* (*McL.*) 1933 45 Clapboardtree, Westwood

Jackanich, R. F., a.r.p. *An.* 1959
USPH Hosp., San Francisco, Calif.

Jackson, A. M., *W.S.* 1917
512 Broadway, Everett

Jackson, B. B., *S.* 1953; a.r.s. 1957
Heyburn Bldg., Louisville, Ky.

Jackson, H., Jr., *E.M.* 1919
Boston City Hosp.

Jackson, Lee, r.p. *Psychiat.* (*McL.*) 1959
Judge Baker Guidance Center, 295 Longwood Ave.

JACOBSON, B. M., p. M. G. H.

JACOBY, G. A., Jr., a.r.p. (*M.* 1959) M. G. H.

JAKUS, MARIE A., biol. *Oph.*
99 W. Cedar

James, G. W., III, *M.* 1944
2809 Grove Ave., Richmond, Va.

JAMES, L. P., Jr., a.r.p. *Path.* (*S.* 1959) M. G. H.

James, W. J., r.s. *N. S.* 1949
2929 Loma Vista Rd., Ventura, Calif.

JANOWER, M. L., a.r.p. *R.* M. G. H.

Javid, M., r.s. *N.S.* 1952
Univ. of Wisconsin Hosp., Madison, Wis.

JEANLOZ, R. W., assoc. biochem. *M.* M. G. H.

Jefferies, W. McK., *E.M.* 1942
Lakeside Hosp., Cleveland, Ohio

Jenkins, M. T., a.r.p. *An.* 1948
Parkland Hosp., Dallas, Tex.

Jergesen, F. H., *Or.* 1942
384 Post, San Francisco, Calif.

Jessner, Lucie, r.p. *Psychiat.* (*McL.*) 1939 Univ. of North Carolina, Chapel Hill, N. C.

Jobe, M. C., *C.M.* 1924
227 16th, Denver, Colo.

JOHNSON, C. C., assoc. s. *Oph.*
5 Bay State Rd.

JOHNSON, D. G., a.r.s. (*S.* 1957) M. G. H.

Johnson, F. G., *Dn.* 1943
Litchfield Turnpike, Bethany, New Haven, Conn.

Johnson, Louis F., a.r.p. *An.* 1954
7 Hillside Ct., Gloucester

Johnson, Louis G., *Path.* 1940 and *E.M.* 1942; a.r.p. 1942
3418 Stanley, Montreal, Canada

Johnson, N. P., *E.M.* 1925
65 S. 10th, Minneapolis, Minn.

Johnson, O. R., r.p. *D.* 1931
18 Deering, Portland, Maine
Johnson, P. R., *Path.* 1936
85 Jefferson, Hartford, Conn.
JOHNSON, R. T., a.r.p. *N.*
M. G. H.
Johnson, V. S., sr. r.s. *Or.* 1955
27 Elm, Worcester
Johnston, E. V., *W.S.* 1947
Waterloo Savings Bank Bldg.,
Waterloo, Iowa
Jones, B. B., *E.M.* 1918 and *C.M.* 1919
526 North Blvd.,
Richmond, Va.
JONES, C. M., *Bd. of Cons.* (*E.M.* 1919); h.p. *E.M.* 1921 M. G. H.
Jones, F. S., *Or.* 1932
85 Jefferson, Hartford, Conn.
Jones, G. E., *E.S.* 1939; a.r.s. 1942
108 W. 22nd, Olympia, Wash.
JONES, H. W., Jr., a. *M.*
330 Dartmouth
JONES, K. E., a. *M.* 135 Clarendon
JONES, R. H., a. *M.*; r.p. 1959
M. G. H.
Jones, T. B., *Thd. S.* 1924
176 S. Goodman, Rochester, N. Y.
Jones, Wallace A., a.r.p. *Path.* 1959
M. G. H.
Jones, William Nicholas, a.r.s. *Or.* 1954 35 Huntington,
New London, Conn.
JONES, WILLIAM NORMAN, a.s. *Or.* (*Or.* 1947) 266 Beacon
JOPLIN, R. J., a.s. *Or.* (*Path.* 1929 and *Or.* 1933)
1180 Beacon, Brookline
Jordan, W. R., *W.M.* 1930
618 Henri Rd., Richmond, Va.
Joseph, A. T., *Dn.* 1941
475 Commonwealth Ave.
Joslin, E. P., *W.M.* 1895
15 Joslin Rd.
Josse, J. W., *M.* 1957; a.r.p. 1958
841 Sycamore Dr., Palo Alto, Calif.
JOYCE, JOSEPHINE, exec. a. (*R.N.*)
M. G. H.
Judd, A. B., *S.* 1955
3303 Menlo Ave., Cincinnati, Ohio
Judd, J. M., *E.S.* 1944; j.r.s. *E.S.* 1945; r.s. *N.S.* 1946
Murray Hill, Mount Morris, N. Y.
Judy, J. A., *Or.* 1925
137 N. Main, Dayton, Ohio
Justi, R. A., r.p. *Path.* 1956
Vet. Adm. Hosp.,
150 S. Huntington Ave.,
Jamaica Plain

Kahn, D. S., r.p. *Path.* 1950
St. Mary's Hosp., Montreal, Canada
KAHNE, M. J., assoc. psychiat. (*McL.*)
McLean Hosp., Belmont
Kalil, T. H., a.r.p. *R.* 1946
795 Elm, Manchester, N. H.
KANE, L. W., a. *M.* (*W.M.* 1941)
M. G. H.
KANTOR, M., a.r.p. *Psychiat.*
M. G. H.
KAPLAN, S., a. psychiat.
38 Hyde, Newton Highlands
Karian, E., a.r.p. *D.* 1955
324 Common, Watertown
Karnes, W. E., r.p. *N.* 1958 M. G. H.
KARTCHNER, M. M., a.r.s. (*S.* 1958)
M. G. H.
KATZ, A. M., a.r.p. (*M.* 1957)
M. G. H.
Katz, S. L., a.r.p. *C.M.* 1955
Children's Med. Center
Kaufman, H. E., *M.* 1957
National Inst. of Health,
Bethesda, Md.
Kaufman, M. R., r.p. *Psychiat.* (*McL.*) 1933 253 Marsh, Belmont
Kaufmann, G. G., a.r.p. 1941
15 Dix, Winchester
KAYCE, M. M., a. *Psychiat.*
1419 Beacon, Brookline
KAZANJIAN, K. A., a.s. *Otolar.*; r.p. *D.* 1933
475 Commonwealth Ave.
KAZANJIAN, V. H., hon. s.
475 Commonwealth Ave.
KEARSLEY, R. B., assoc. p. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1956
Main, Norwell
Keats, A. S., a.r.p. *An.* 1951
Baylor Univ. Coll. of Med.,
Houston, Tex.
Keeley, J. K., *N.S.* 1937; r.s. *P.H.* 1938 103 S. Hamilton,
Poughkeepsie, N. Y.
KEENAN, T. J., a. *An.*; a.r.p. *An.* 1959 M. G. H.
Keevil, C. S., Jr., *M.* 1956; r.p. 1958
Concord Med. Center, Concord
Keiser, R. P., *Or.* 1942
Coral Gables Clinic,
Coral Gables, Fla.
KELEMEN, G., res. assoc. *Otolar.*
Mass. E. & E. Inf.
KELLER, J. W., a. *M.* 330 Dartmouth
KELLEY, RITA M., a.p. (*M.* 1947); r.p. 1949 M. G. H.
KELLEY, S. B., v.u. (*E.S.* 1931); r.s. *U.* 1933 412 Beacon

KELLEY, V. J., s. *Otolar.*
520 Commonwealth Ave.
KELLY, J. F., podiatrist *Or.*
924 Statler Office Bldg.
KELLY, L. T., a.r.p. *An.* M. G. H.
Kendrick, J. I., *Or.* 1933
2020 E. 93rd, Cleveland, Ohio
Kennard, H. E., *W.S.* 1934
246 Dudley Rd., Newton Centre
Kennedy, B. Hughes, *C.M.* 1921
2940 Clairmont Ave.,
Birmingham, Ala.
Kennedy, Byrl J., *M.* 1946; r.p. 1952
Univ. of Minnesota Hosp.,
Minneapolis, Minn.
KENNEDY, D. A., a. soc. anthropol. (*McL.*) 3 Felton, Cambridge
Kennedy, J. H., *S.* 1950; a.r.s. 1955
7755 Fay Ave., La Jolla, Calif.
Kennedy, R. P., *Thd. S.* 1924
1 Knollwood Dr.,
Rochester, N. Y.
KENT, C., assoc. s. *Otolar.*
270 Commonwealth Ave.
KERMOND, W. L., clin. assoc. *Or.*
175 Washington, Winchester
KERN, H. L., biochem. *Oph.*
Mass. E. & E. Inf.
Kernan, R. D., *Path.* 1945
98 Adams, Milton
KERR, WALTER S., Jr., a. u. (*W.S.* 1943); a.r.s. 1947; r.s. *U.* 1949
M. G. H.
Kerr, William J., *W.M.* 1916
Maple Creek Rd., Korbel,
Humboldt County, Calif.
Kerrigan, G. A., *C.M.* 1950; c.r.p. *C.M.* 1952
Milwaukee Children's Hosp.,
Milwaukee, Wis.
Kershaw, Beatrice R., r.p. *Psychiat.* (*McL.*) 1939
7 Trapelo Rd., Belmont
KETCHUM, P., *Trustee* and *President of the Corporation* 294 Washington
Ketchum, W. F., *C.M.* 1948
American Cyanamid Co.,
Danbury, Conn.
Kettle, R. H., r.p. *Psychiat.* (*McL.*) 1931 Norwich State Hosp.,
Norwich, Conn.
KEUPER, C. S., a. *D.*; r.p. *D.* 1951
Concord Med. Center, Concord;
270 Commonwealth Ave.
Key, R. E., sr.r.s. *Or.* 1958
915 5th Ave., Fort Worth, Tex.
Key, W. A., *Or.* 1927
23 2nd Ave., San Mateo, Calif.
Keyes, G. H., *M.* 1947
Ogden Clinic, Ogden, Utah
Kiely, B., *M.* 1952
Johns Hopkins Hosp.,
Baltimore, Md.
Kilfoyle, R. M., a.r.s. *Or.* 1951
84 Olney, Dorchester
Kimberly, C. H., r.p. *N.* 1929
Stockbridge
Kimura, K. K., *C.M.* 1955; a.r.p. *C.M.* 1956
Medical Research Directorate,
Army Chemical Center, Md.
*Kind, H. A., *C.M.* 1935
540 General Dispensary, A.P.O. 227,
c/o Postmaster, New York, N. Y.
KING, D. S., hon. p. (*E.M.* 1920)
4 Downing Rd., Hanover, N. H.
King, H. S., a.r.p. *C.M.* 1959
20 Egmont, Brookline
King, W. B., Jr., a.r.p. *Path.* 1956
M. G. H.
Kinney, R. J., a.r.p. 1943
Route 3, N. Topeka, Kan.
Kinnicutt, R., *E.M.* 1908
72 Cedar, Worcester
KINOSHITA, J. H., biochem. *Oph.*
Mass. E. & E. Inf.
Kinsey, Dera, a.r.p. 1939
203 Commonwealth Ave.
KIRKWOOD, S. B., *Bd. of Cons.* (*W.S.* 1934) 1180 Beacon,
Brookline
KITE, O. W., dn.s. (*Dn.* 1951)
29 Bay State Rd.
Kitts, A. W., r.p. *C.M.* 1941
346 W. Baltimore Ave., Media, Pa.
Kjellberg, R. N., r.s. *N.S.* 1959
M. G. H.
Klaus, Hanna, a.r.p. *Path.* 1953
Barnes Hosp., St. Louis, Mo.
Kleaveland, R.N., *S.* 1952; a.r.s. 1956
207 Medical Center, Spokane, Wash.
KLEIN, DAVID M., a.r.s. *N.S.*
M. G. H.
KLEIN, DONALD C., assoc. psychol.
309 Washington, Wellesley Hills
Klein, E., a.r.p. *D.* 1959 M. G. H.
KLINGENSMITH, W. E., a.r.s. (*S.* 1955) M. G. H.
KLOTZ, R. E., a.s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Knapp, M. R., a.r.p. *An.* 1955
135 North Bluff, Wichita, Kan.
Knapp, P. H., a.r.p. *Psychiat.* 1947
Boston Univ.-Mass. Memorial
Hosp. Med. Center

*Not in States and Cities section of this Directory

Knapp, R. G., Jr., *Dn.* 1950
258 Genesee, Utica, N. Y.
Kneisel, J. J., *E.M.* 1940
170 Maple Ave.,
White Plains, N. Y.
KNOWLES, J. H., a. *M.* (*M.* 1952); c.r.p. 1958 M. G. H.
Koch-Weser, J., *M.* 1955; r.p. 1959
M. G. H.
Koppel, Elizabeth A., a.r.p. *An.* 1954
437 Cedar, N.W.,
Washington, D. C.
Korn, D., *Path.* M. G. H.
Kowalski, H. J., *M.* 1945; a.r.p. 1948
H. M. S.
Kozol, H. L., *E.M.* 1936
115 Bay State Rd.
Kramer, J. G., *C.M.* 1917
159 S. Main, Akron, Ohio
KRANE, S. M., a. *M.* (*M.* 1952); c.r.p. 1957 M. G. H.
KRANES, A., p. (*W.M.* 1932); c.r.p. 1935 M. G. H.
KRAUS, P. S., assoc. attend. psychiat. (*McL.*) 12 Longfellow Rd.,
Wellesley
Kraut, H. L., a.r.p. *D.* 1957
St. Luke's Hosp., New York, N. Y.
Kravitz, A. R., *M.* 1955
Mass. Mental Health Center
KRAYER, O., cons. *Pharm.* H. M. S.
Kreisle, J. E., *W.M.* 1943; r.p. 1947
2317 Longview Ave., Austin, Tex.
KRICKSTEIN, H. I., a.r.p. *Path.*
M. G. H.
Kristjansson, H., a.r.s. *Or.* 1946
address unknown
KUBIK, C. S., *Bd. of Cons.*
M. G. H.
KUBZANSKY, P. E., a. psychol.
Boston City Hosp.
Kuhlman, E. G., *C.M.* 1925
122 W. 5th, E. Liverpool, Ohio
Kuhlmann, R. F., sr. r.s. *Or.* 1948
80 Colchester Ave., Burlington, Vt.
Kuhn, W. G., Jr., a.r.s. *Or.* 1949
251 Powers,
New Brunswick, N. J.
Kuhns, J. G., *Or.* 1926
372 Marlborough
KULDAU, J. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
Kulka, J. P., a.r.p. *Path.* 1947
H. M. S.
KUNZ, L. J., a.b. M. G. H.
KUPFER, C., a. *Oph.*
Mass. E. & E. Inf.
KUWABARA, T., a. *Oph.* path.
Mass. E. & E. Inf.
Lacey, W. H., *W.S.* 1917
54 School, Keene, N. H.
Lake, M., *W.M.* 1924
11 E. 68th, New York, N. Y.
Lambert, E. C., *E.M.* 1943
Children's Hosp., Buffalo, N. Y.
Lambert, J. T., *W.M.* 1942
768 Park Ave., New York, N. Y.
LAMDIN, SUSANNE J., a. *An.* (*C.M.* 1953); a.r.p. *An.* 1959 M. G. H.
LAMONT, J. H., assoc. psychiat.; sr.r.p. *Psychiat.* (*McL.*) 1951
M. G. H.
Lampert, N. R., *S.* M. G. H.
Lampson, R. S., *E.S.* 1936
85 Jefferson, Hartford, Conn.
Lamson, P. D., *E.M.* 1910
Vanderbilt Univ. Med. Sch.,
Nashville, Tenn.
LANG, D. J., a.r.p. *C.M.* M. G. H.
LANGER, G. A., r.p. (*M.* 1955)
M. G. H.
Lanman, T. H., *E.S.* 1918
Children's Med. Center
Lansing, C., *C.M.* 1948; a.r.p. *C.M.* 1950 Univ. of North Carolina,
Chapel Hill, N. C.
Larkey, J., *W.S.* 1928
3115 Webster, Oakland, Calif.
Laron, Z., r.p. *C.M.* 1955
Beilinson Hosp., Petah Tiqva, Israel
LARSON, C. B., *Bd. of Cons.* (*Or.* 1938)
University Hosp., Iowa City, Iowa
Lassiter, W. E., *M.* 1955; a.r.p. 1956
59 Hamilton Rd., Chapel Hill, N. C.
Laster, L., *M.* 1950; r.p. 1953
National Inst. of Health,
Bethesda, Md.
LAWLOR, R. C., a. *Oph.*
9 Central, Lowell
Lawrence, George H., *W.S.* 1947; a.r.s. 1952 Barnes Hosp.,
St. Louis, Mo.
LAWRENCE, GLENN W., dn.s.
25 Bay State Rd.
LAWRENCE, JOHN E., *Trustee*
177 Milk
Lawrence, John S., *W.M.* 1925
Med. Sch. of Univ. of California
South, Los Angeles, Calif.
Layzer, R. B., *M.* 1958; a.r.p. 1959
Columbia-Presbyterian Med. Center,
New York, N. Y.
Lazarus, H. R., r.p. *Psychiat.* (*McL.*) 1959 166 Almont, Mattapan

Leach, C. A., Jr., a.r.p. *C.M.* 1951
525 Southfield Rd., Birmingham, Ala.
LEADBETTER, G. W., Jr., a. *U.;* sr.r.s. *U.* 1959 M. G. H.
LEADBETTER, W. F., c. *U.* M. G. H.
LEAF, A., assoc.p. (*M.* 1944) M. G. H.
LEAHEY, B. D., s. *Oph.*
9 Central, Lowell
Leape, L. L., Jr., *S.* M. G. H.
LeBARON, F. N., assoc. biochem. (*McL.*) McLean Hosp., Belmont
Ledbetter, Betsy A., a.r.p. *An.* 1955
1513 Line Ave., Shreveport, La.
LeDONNE, J. E., a. *D.;* r.p. *D.* 1952
357 Essex, Salem
Lee, J. M., *C.M.* 1916
706 Church, Nashville, Tenn.
LEE, R. I., hon. p. (*E.M.* 1907)
264 Beacon
Leeman, C. P., *M.* M. G. H.
Leeper, R. W., r.p. *D.* 1950
Kaiser Foundation Hosp., Oakland, Calif.
LEES, MARJORIE B., assoc. biochem. (*McL.*) McLean Hosp., Belmont
Lees, R. S., *S.* M. G. H.
Legge, R. F., *Or.* 1935
U. S. Naval Hosp., Great Lakes, Ill.
Leiderman, P. H., r.p. *Psychiat.* 1957
Mass. Mental Health Center
Leidholt, J. D., a.r.s. *Or.* 1952
830 E. 18th Ave., Denver, Colo.
Leigh, A. D., r.p. *Psychiat.* 1948
Maudsley Hosp., London S.E., England
Leighton, J., r.p. *Path.* 1949
295 Commonwealth Ave.
Leinbach, T. C., a.r.s. *Or.* 1956
330 N. 5th, Reading, Pa.
Leister, C. M., *C.M.* 1934
1731 W. Broad, Bethlehem, Pa.
LELE, P. P., cons. *Neurophysiol.* (*N.S.*) M. G. H.
Lennox, W. G., *W.M.* 1915
Children's Med. Center
LENTINE, J., s. *Otolar.*
15 Bay State Rd.
LEONARD, L. M., a.r.s. *Or.* M. G. H.
LEPPER, EDNA S., assoc. dir. *Nurs. Serv.* (*S.N.* 1926) M. G. H.
LERMAN, J., p.
370 Commonwealth Ave.
LESKOWITZ, S., assoc. immunol. *M.* M. G. H.
Letsou, V. G., a.r.p. *D.* 1956
U.S. Naval Hosp., Chelsea
Levene, M. B., r.p. *R.* 1954
636 Beacon
LEVER, W. F., *Bd. of Cons.;* a.r.p. *D.* 1938 270 Commonwealth Ave.
LEVEY, B., r.p. *Psychiat.* (*McL.*)
McLean Hosp., Belmont
Levey, R. H., *S.* M. G. H.
Levine, Herbert J., a.r.p. 1958
Peter Bent Brigham Hosp.
LeVINE, HERBERT O., a. *Psychiat.*
379 Central, Auburndale
LEVITAN, J. J., a.dn.s. 80 Boylston
Levy, S. W., a.r.p. *D.* 1951
450 Sutter, San Francisco, Calif.
LEWIS, D. K., assoc. s. *Otolar.*
15 Dix, Winchester; Mass. E. & E. Inf.
Lewis, E. O., sr.r.p. *R.* 1945
St. Luke's Hosp., New Bedford
Lewis, James, *W.M.* 1935 and *C.M.* 1936 281 State, Springfield
LEWIS, JOHN L., Jr., a.r.s. (*S.* 1958) M. G. H.
LEWIS, JOSEPH L., clin. assoc. *C.M.* (*C.M.* 1936); r.p. *C.M.* 1937
25 Grant, Waltham
LEWIS, SARA F., j.a.r.p. *C.M.* M. G. H.
Licciardello, A. T., *M.* 1948; a.r.p. 1949 20 Chase, Danvers
Lichtenwalner, C. S., *M.* 1950; a.r.p. 1951 USPHS, Washington, D.C.
LIEBMAN, S. D., a.s. *Oph.*
115 Bay State Rd.
Liffmann, K. E., *Dn.* 1956
168 Lloyd Ave., Providence, R. I.
LIFTON, R. J., a. *Psychiat.*
107 Garden, Cambridge
LIFVERGREN, SARAH M., exec. a. *Gen. Hosp.* and *B.M.* (*S.N.* 1930) M. G. H.
Lilly, T. E., Jr., *E.S.* 1943
915 Argyle Bldg., Kansas City, Mo.
Lincoln, J. R., *Or.* 1918
709 Main, Wareham
LINCOLN, R. C., dn.s. (*Dn.* 1953) M. G. H.
LINDEMANN, E., c. *Psychiat.;* psychiat. (*McL.*) M. G. H.
Lindsay, M. K., *Or.* 1926
2650 Wisconsin Ave., N.W., Washington, D. C.
Linenthal, A. J., a.r.p. 1944
1265 Beacon, Brookline
LINGEMAN, B. S., a. *Oph.*
328 Washington, Wellesley Hills

Lingenfelter, G. P., *D.* 1910
1612 Tremont Pl., Denver, Colo.
Lingley, J. R., a.r.p. *R.* 1931 •
27 Elm, Worcester
LINTON, R. R., *Bd. of Cons.* (*W.S.* 1928); r.s. *W.S.* 1930
1180 Beacon, Brookline
Lipman, M. M., r.p. 1959
Columbia-Presbyterian Med. Center, New York, N. Y.
Lipowski, Z. J., a.r.p. *Psychiat.* 1959
Royal Victoria Hosp., Montreal, Canada
LITTLE, J. B., a.r.p. *R.* M. G. H.
LITTLEFIELD, J. W., a. *M.* (*M.* 1948); r.p. 1950 M. G. H.
LITTMANN, D., clin. assoc. *M.*
Vet. Adm. Hosp., W. Roxbury
Liu, C. T., r.s. *N.S.* 1946
Vet. Adm. Hosp., Oakland, Calif.
Lium, R., *E.S.* 1935
388 State, Portsmouth, N. H.
Livermore, G. R., Jr., *W.S.* 1943
Mayo Clinic, Rochester, Minn.
Livingston, W. K., *W.S.* 1922
Univ. of Oregon Med. Sch., Portland, Oreg.
Lloyd, J. B., *E.S.* 1944; sr. r.s. 1946
Lemuel Shattuck Hosp.
Locke, E. A., *E.M.* 1902
Wilton, N. H.
Locke, H. L. F., *C.M.* 1912
293 Farmington Ave., Hartford, Conn.
Locksley, H. B., *S.* 1950; sr. r.s. *N.S.* 1956 55 Stratford Ave., Pittsfield
Loeb, R. F., *W.M.* 1920
950 Park Ave., New York, N. Y.
LOFTFIELD, R. B., assoc. biochem. *M.* M. G. H.
Lombroso, C. T., a.r.p. *N.* 1955
Children's Med. Center
LORENZ, MARIA, a. psychiat.; assoc. psychiat. (*McL.*); sr.r.p. *Psychiat.* (*McL.*) 1949 M. G. H.
LOS, E., a.r.p. *An.* M. G. H.
Lothrop, O. A., *W.S.* 1909
91 Neshobe Rd., Waban
LOTZ, M., a.r.p. (*M.* 1959) M. G. H.
Lowd, H. M., Jr., *C.M.* 1941
359 Essex, Salem
Lowe, C. U., r.p. *C.M.* 1948
Univ. of Minnesota Hosp., Minneapolis, Minn.
LOWELL, F. C., p. M. G. H.
LOWELL, J. D., a. *Or.*; a.r.s. *Or.* 1953 M. G. H.
LOWELL, R., *Trustee* 100 Franklin
Lowell, W. H., Jr., a.r.p. 1940
85 Jefferson, Hartford, Conn.
LOWENSTEIN, E., a.r.p. *An.* M. G. H.
Lowis, S., *N.S.* 1936; r.s. *N.S.* 1940
475 Commonwealth Ave.
Lowrey, S. R., r.s. *U.* 1936
170 St. George, Toronto, Canada
Luck, D. J. L., *M.* 1954; r.p. 1958
Rockefeller Inst. Med. Res., 66th and York Ave., New York, N. Y.
Ludwig, A. O., *E.M.* 1932; r.p. 1936; r.p. *Psychiat.* (*McL.*) 1937
82 Marlborough
Ludwig, G. D., a.r.s. 1950
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Luessenhop, A. J., r.s. *N.S.* 1957 M. G. H.
Luikart, R. H., *W.S.* 1917
708 Med. Arts Bldg., Omaha, Nebr.
Luikart, R. H., Jr., *M.* 1944; a.r.p *D.* 1948
1525 State, Santa Barbara, Calif.
Lund, C. C., *E.S.* 1922; h.s. *Thd. S.* 1923 20 Gloucester
Lund, I., a.r.p. *An.* 1947
Ulleval Sykehus, Oslo, Norway
Lunt, L. K., *W.M.* 1916
Double Four Ranch, Wheatland, Wyo.
LUONGO, M. A., cons. *Forensic Path.* (*Path.* 1946); a.r.p. *Path.* 1947 H. M. S.
Lurie, A. S., a.r.p. *D.* 1959
150 Bradlee Ave., Swampscott
LURIE, M. H., dir. res. *Otolar.*
483 Beacon
Lynn, J. G., IV, r.p. *Psychiat.* (*McL.*) 1937
Grasslands Hosp., Valhalla, N. Y.
Lyon, A. B., *C.M.* 1916 and *W.M.* 1917; h.p. *C.M.* 1918
270 Commonwealth Ave.
Lyons, C., *W.S.* 1933; r.s. 1936
Med. Coll. of Alabama, Birmingham, Ala.
Lytton, W., r.p. *Psychiat.* (*McL.*) 1937 4500 Olive, St. Louis, Mo.
MABREY, R. E., a.s.
270 Commonwealth Ave.

McAlpine, F. S., c.r.p. *An.* 1957
U.S. Naval Hosp., Bethesda, Md.
McARTHUR, JANET W., assoc.p.; a.r.p. 1944 M. G. H.
MacAusland, A. R., *W.S.* 1911
412 Beacon
MacAUSLAND, W. R., Jr., a. *Or.*
412 Beacon
McCandless, O. C., *C.M.* 1926
Marion, Kan.
McCann, S. M., *M.* 1949; a.r.p. 1950
Army Med. Serv. Grad. Sch., Washington, D. C.
McCARTEN, HELENA, exec. a. *P.H.* (*S.N.* 1933) M. G. H.
McCARTHY, P. L., a. *D.*
36 Adams, Quincy
McCarty, E. D., h.p. *R.* 1918
221 S. 39th, Tacoma, Wash.
McCLELLAN, BETTY J., a.r.p. *Path.* (*Path.* 1958) M. G. H.
McClellan, W. S., *W.M.* 1925
Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
McCLELLAND, W. K., clin. assoc. *S.* M. G. H.
McClung, J. L., r.p. *An.* 1952
3102 Strawberry Lane, Port Huron, Mich.
McConnell, F., r.p. *R.* 1956
Montreal Gen. Hosp., Montreal, Canada
McCort, J. J., r.p. *R.* 1944
Santa Clara County Hosp., San Jose, Calif.
McCOY, W. T., a.r.p. *R.* M. G. H.
McCully, K. S., *M.* M. G. H.
McCune, W. S., *W.S.* 1937
1150 Connecticut Ave., Washington, D. C.
McDaniel, J. R., *E.S.* 1940; a.r.s. 1946
9th and Edmond, St. Joseph, Mo.
MacDermot, P. N., *C.M.* 1930
570 Milton, Montreal, Canada
McDermott, L. J., *Or.* 1938
151 Vaughan, Portland, Maine
McDermott, N. T., r.p. *Psychiat.* (*McL.*) 1936; r.p. *Psychiat.* 1937
University Hosp., Cleveland, Ohio
McDERMOTT, W. V., Jr., assoc. v.s. (*W.S.* 1943); r.s. 1951 M. G. H.
MacDONALD, A. S., Jr., clin. assoc. *C.M.* 24 Abbott, Beverly
McDONALD, C. A., hon. p.
97 Huxley Ave., Providence, R. I.
McDONALD, F. C., clin. assoc. *C.M.*
39 Main, Concord
Macdonald, H. E., Jr., *N.S.* 1931; a.r.s. *N.S.* 1933
Majuro, Marshall Islands
MacDonald, R. F., *E.S.* 1922
McGuire Vet. Adm. Hosp., Richmond, Va.
McElroy, W. D., *Or.* 1932
11 Central Sq., Youngstown, Ohio
McFarland, R. B., a.r.p. *Path.* 1959
Denver Gen. Hosp., Denver, Colo.
McGahey, C. E., r.s. 1946
795 Elm, Manchester, N. H.
McGINN, S., clin. assoc. *M.*
270 Commonwealth Ave.
McGINTY, J. B., a.r.s. *Or.* M. G. H.
McGOVERN, J. J. M., a.p. *C.M.* M. G. H.
McGovney, R. B., *Or.* 1930
1515 State, Santa Barbara, Calif.
McGRATH, E. F., clin. assoc. *C.M.*
71 Adams, Milton
MACH, B. F., a.r.p. (*M.* 1959) M. G. H.
McHUGH, CATHERINE, exec. a. (*R.N.*) M. G. H.
McHUGH, P. R., r.p. *N.* M. G. H.
McILROY, W. J., a.r.p. *Path.* M. G. H.
McIntyre, Patricia A., *M.* 1953
Johns Hopkins Hosp., Baltimore, Md.
McIver, M. A., h.s. *E.S.* 1922
12 Main, Cooperstown, N. Y.
Mack, J. E., *M.* 1956
Mass. Mental Health Center
McKay, W. W., *C.M.* 1921
R.R. 1, Aylmer, Quebec, Canada
McKEE, D. M., a.r.s. (*S.* 1957) M. G. H.
McKeever, F. M., *Or.* 1930
2010 Wilshire Blvd., Los Angeles, Calif.
McKEIGUE, J. E., assoc. s. *Otolar.*
94 Pleasant, Arlington;
274 Commonwealth Ave.
McKenna, J. B., r.p. *Psychiat.* (*McL.*) 1932
14 Valley Rd., Hanover, N. H.
McKenzie, W. L., r.p. *C.M.* 1924
15 Dix, Winchester
McKhann, C. F., III, *S.* 1956; a.r.s. 1958 Naval Med. Res. Inst., National Naval Med. Center, Bethesda, Md.
*Mackie, R. W., sr.r.s. *N.S.* 1954
U.S. Naval Hosp., c/o F.P.O. 3923, San Francisco, Calif.

*Not in States and Cities section of this Directory

MacKINNON, CHRISTINE, exec. a. *B.M.* (*S.N.* 1928) M. G. H.

MacKinnon, R., r.p. *Psychiat.* (*McL.*) 1930
Londonderry, Nova Scotia, Canada

McKITTRICK, J. B., a.s. (*An.* 1938 and *W.S.* 1939); r.s. *W.S.* 1942
1180 Beacon, Brookline

McKITTRICK, L. S., *Bd. of Cons.* (*W.S.* 1919) 1180 Beacon, Brookline

MacLaren, W. R., *C.M.* 1939; r.p. *C.M.* 1942 127 N. Madison Ave., Pasadena, Calif.

McLAUGHLIN, C. H., a.s. *Oph.*
834 Broadway, Everett

McLaughlin, W. B., *Or.* 1931
1524 Termon Ave., Pittsburgh, Pa.

McLEAN, J. D., a. podiatrist *Or.*
16 Curtis, Somerville;
31 Church, Winchester

McMAHON, A. W., clin. assoc. *Psychiat.* 270 Commonwealth Ave.

MacMahon, C. E., *E.S.* 1938
900 Boylston Ave., Seattle, Wash.

MACMILLAN, A. S., r. (*E.* & *E.*)
483 Beacon

MACMILLAN, A. S., Jr., a.r. (*E.* & *E.*); r.p. *R.* 1953
319 Longwood Ave.

MacMillan, Hugh Alexander, a.r.p. *Path.* 1950
Albany Hosp., Albany, N. Y.

MacMillan, Hugh Allen, Jr., a.r.s. 1947 1801 High, Denver, Colo.

McMillan, R. M., a.r.p. 1941
Southern Pines, N. C.

McNEELY, W. F., a. *M.*
226 Marlborough

McNEILL, J. M., a.r. M. G. H.

McNie, A. B., a.r.p. *Path.* 1957
Dept. of Legal Med., H. M. S.

Macomber, D., *S.S.* 1911
Tide River Farm, Brunswick, Maine

McPeak, C. N., r.p. *R.* 1929
18 Hartwell, Fitchburg

McPherson, S. R., a.r.s. *Or.* 1949
85 Jefferson, Hartford, Conn.

MADDEN, E. J., a.r.s. *Or.* M. G. H.

MADDEN, J. W., a.r.s. (*S.* 1959)
M. G. H.

Madey, S. L., *C.M.* 1944
1401 N. Foster, Baton Rouge, La.

MAGRAW, C. E., a. attend. psychiat. (*McL.*) McLean Hosp., Belmont

Mahoney, S. A., Jr., *E.S.* 1926
630 Dwight, Holyoke

Maier, J., *E.M.* 1940
Rockefeller Foundation, New York, N. Y.

Maisel, B. W., r.p. *Path.* 1943
1 E. 69th, New York, N. Y.

Makel, H. P., c.r.p. *An.* 1949
Fitzsimons Gen. Hosp., Denver, Colo.

Malcolm, J. A., *S.* 1953; a.r.s. 1958
Presbyterian Hosp., New York, N. Y.

MALOOF, F., a.p.; a.r.p. 1952
M. G. H.

Maloy, J. K., *E.S.* 1947
60 Decker Ave., Staten Island, N. Y.

MALT, R. A., a.r.s. (*S.* 1956)
M. G. H.

Mancall, E. L., a.r.p. *Path.* 1957
M. G. H.

MANCALL, I. T., a. *Oph.*
750 Main, Hartford, Conn.

MANGIARACINE, ANITA B., b. *Oph.* and *Otolar.* Mass. E. & E. Inf.

MANGONI, A., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1960
McLean Hosp., Belmont

Manly, I. V., *E.S.* 1947; a.r.s. 1952
2021 Clark Ave., Raleigh, N. C.

MANN, W., a. psychiat. M. G. H.

MANNICK, J. A., a.r.s. (*S.* 1954)
M. G. H.

MANNIK, M., a.r.p. (*M.* 1960)
M. G. H.

Marble, A., r.p. *W.M.* 1930
15 Joslin Rd.

MARBLE, H. C., hon. s. (*W.S.* 1912)
270 Commonwealth Ave.

MARFEY, S. P., biochem. *Otolar.*
Mass. E. & E. Inf.

MARK, V. H., a. *N.S.*; sr. r.s. *N.S.* 1954 M. G. H.

MARKS, G. A., clin. assoc. *S.* (*E.S.* 1931); r.s. *E.S.* 1933
15 Dix, Winchester

Maroney, J. W., r.p. *C.M.* 1932
501 Delaware Ave., Wilmington, Del.

Marshall, C. S., r.p. *N.* 1927
90½ Gottingen,
Halifax, Nova Scotia, Canada

Marshall, Clare K., r.p. *N.* 1954
M. G. H.

Martin, C. L., h.p. *R.* 1920
3501 Gaston Ave., Dallas, Tex.

Martin, D. B., *M.* 1955; c.r.p. 1959
National Inst. of Health, Bethesda, Md.

Martin, J. A., *W.S.* 1946; r.p. *R.* 1951
3501 Gaston Ave., Dallas, Tex.

MARTIN, L. E., comptroller M. G. H.
MARTIN, S. F., a.s. *Oph.*
165 Bay State Rd.
MARUYAMA, Y., a.r.p. *R.* M. G. H.
Mason, E. D., *M.* 1946
174 Denslow Ave.,
W. Los Angeles, Calif.
Mason, W., *E.M.* 1920; h.p. *E.M.* 1921
151 Rock, Fall River
Massie, W. K., Jr., *Path.* 1938
341 N. Broadway, Lexington, Ky.
Matchett, F. L., *Or.* 1934
1727 Gilpin, Denver, Colo.
Mathews, S. S., *Or.* 1928
9730 Wilshire Blvd.,
Los Angeles, Calif.
Mathieu, T. J., r.s. *U.* 1954
36 Perry, Central Falls, R. I.
Mathis, W. H., Jr., r.p. *R.* 1948
Kennestone Hosp., Marietta, Ga.
MATTOS, E. R., a.dir. M. G. H.
MATZ, M. H., a. *D.*
51 Brattle, Cambridge
Maughs, S. B., a.r.p. *Psychiat.* 1938
Psychiatric Unit,
Forty-five Hundred West Pine
Clinics, 4500 W. Pine Blvd.,
St. Louis, Mo.
May, H. L., a.r.s. 1959
Hôpital Albert Schweitzer,
St. Marc, Haiti
Mayer, R. F., a.r.p. *N.* 1957
207 N. Clinton, Olean, N. Y.
MAYMAN, C. I., r.p. *N.* M. G. H.
MAYNARD, E. P., III, a. *M.* M. G. H.
Maynard, G. B., Jr., *W.S.* 1943
60 8th, New Bedford
Mayo, F. B., *E.M.* 1943; a.r.p. 1944
144 Beach Bluff Ave., Swampscott
MAYO, R. A., a. *Or.*; sr. r.s. *Or.* 1956
264 Beacon
Mazuzan, J. E., Jr., c.r.p. *An.* 1959
Univ. of Vermont Coll. of Med.,
Burlington, Vt.
Mead, S., *E.M.* 1940 and *Path.* 1941;
a.r.p. *N.* 1942
California Rehabilitation Center,
Vallejo, Calif.
Meader, C. N., *E.M.* 1912
519 Majestic Bldg.,
Denver, Colo.
MEALEY, J., Jr., r.s. *N.S.* M. G. H.
MEANS, J. H., hon. p. (*E.M.* 1913)
60 Mount Vernon
Means, P. H., *E.M.* 1924
1 Waterhouse, Cambridge
Meath, J. A., r.p. *N.* 1947
Henry Phipps Clinic,
Johns Hopkins Hosp.,
Baltimore, Md.
Meigs, J. Wister, a.r.p. 1943
310 Cedar, New Haven, Conn.
MEIGS, JOE V., *Bd. of Cons.* (*E.S.* 1921)
226 Marlborough
Meister, L., *C.M.* 1937
Vet. Adm. Hosp.,
Long Beach, Calif.
MEKKELSEN, CHRISTINE, exec. a. (*R.N.*)
M. G. H.
MELBIN, M., a. soc. sc. (*McL.*)
McLean Hosp., Belmont
MELEMED, BRINA B., j. res. a. *Soc. Sc.* (*McL.*) McLean Hosp., Belmont
Mellinger, G. W., *M.* 1947
384 Post, San Francisco, Calif.
MELTZER, P. E., acting c. *Otolar.*
285 Commonwealth Ave.
Melvin, W. J. S., a.r.s. *Or.* 1951
Kingston Gen. Hosp.,
Kingston, Ontario, Canada
Mendelsohn, M. L., *M.* 1949
Memorial Hosp., New York, N. Y.
MENDELSON, J. H., a. *Psychiat.*
M. G. H.
Merrill, B. R., a.r.p. *Psychiat.* 1941
655 Sutter, San Francisco, Calif.
MERRILL, O. E., e. *R.* M. G. H.
Metcalf, K. M., r.p. *C.M.* 1925
115 E. 77th, New York, N. Y.
Meyer, H. I., r.s. *W.S.* 1925
104 S. Michigan Ave., Chicago, Ill.
Michel, A. J. D., a.r.p. *An.* 1950
70 rue Parmentier,
Lyon, France
MICHELSEN, J. J., clin. assoc. *N.S.*; a.r.s. *N.S.* 1938
Box 148,
Back Bay P.O. Annex
Michie, A. J., *Path.* 1943; r.s. *U.* 1945
New York Univ., New York, N. Y.
Michie, Catherine R., *Path.* 1943; r.p. *Path.* 1944
New York Univ.,
New York, N. Y.
Middlebrook, G., *M.* 1945
National Jewish Hosp.,
Denver, Colo.
Milam, D. F., Jr., *S.* 1949; a.r.s. 1952
916 Cobb Bldg., Seattle, Wash.
MILLARD, D. G., r.p. *R.* M. G. H.
MILLER, A. E., a.r.s. (*S.* 1957)
M. G. H.
MILLER, C. C., clin. assoc. *S.* (*W.S.* 1938)
304 Humphrey, Swampscott

MILLER, D., assoc. s. *Otolar.*
60 Charlesgate West
Miller, E. C., *E.M.* 1926
27 Elm, Worcester
Miller, James G., *E.M.* 1943; r.p. *Psychiat.* 1944
Mental Health Res. Inst., Univ. of Michigan, Ann Arbor, Mich.
Miller, Jule P., Jr., a.r.p. *Psychiat.* 1955 222 South, Pittsfield
Miller, M. L., *E.M.* 1932
416 N. Bedford Dr., Beverly Hills, Calif.
Miller, R. Bretney, a.r.p. 1938
1834 Eye, N. W., Washington, D. C.
Miller, Ralph B., r.p. *R.* 1932
2400 S. Flower, Los Angeles, Calif.
MILLER, W. L., a.r.p. *Path.* M. G. H.
Millet, J. B., *W.S.* 1943; a.r.s. 1948
216 Mayro Bldg., Utica, N. Y.
Mills, J. A., r.p. 1958
Montreal Gen. Hosp., Montreal, Canada
Mills, L., Jr., *M.* 1944
720 Lucerne Blvd., Los Angeles, Calif.
MINER, L. M. S., hon. s.
363 Marlborough
MINER, R. L., dn.s.
363 Marlborough
Ming, Si Chun, r.p. *Path.* 1956
Beth Israel Hosp.
Mintz, E. R., *Path.* 1930; r.s. *U.* 1932
8 S. State, Concord, N. H.
Mitchel, D. H., *M.* 1943; a.r.p. 1947
915 S. Colorado Blvd., Denver, Colo.
Mittel, N. S., r.p. *Psychiat.* (*McL.*) 1959 Mass. Memorial Hosp.
Mixter, C. G., *W.S.* 1907
319 Longwood Ave.
MIXTER, C. G., Jr., a. *S.* (*W.S.* 1940); r.s. 1947
319 Longwood Ave.
Mixter, G., Jr., *W.S.* 1943
3 Rollins Pl.
MNAYMNEH, W. A., a.r.s. *Or.*
M. G. H.
Moffitt, H. C., Jr., *E.M.* 1942
909 Hyde, San Francisco, Calif.
MONACO, A. P., a.r.s. (*S.* 1957)
M. G. H.
Monroe, J. T., Jr., *M.* 1956
North Carolina Memorial Hosp., Chapel Hill, N. C.
Montgomery, H., *E.M.* 1932
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Montgomery, O. F., *E.S.* 1916
450 Sutter, San Francisco, Calif.
MONTGOMERY, W. W., a.s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Moore, B. E., r.p. *Psychiat.* 1942
152 E. 73rd, New York, N. Y.
MOORE, F. D., *Bd. of Cons.* (*W.S.* 1940); r.s. 1943
Peter Bent Brigham Hosp.
Moore, H., *C.M.* 1937
3328 Daniels, Dallas, Tex.
Moore, R. F., *M.* 1954
Mass. Mental Health Center
Moore, S., h.p. *R.* 1917
Barnes Hosp., St. Louis, Mo.
Moorman, H. D., *W.S.* 1943; a.r.s. 1949 431 30th, Oakland, Calif.
Mora, F., *M.* 1951; a.r.s. 1953; r.s. *N.S.* 1957 717 Encino Pl., N. E., Albuquerque, N. M.
Moran, J. E., *N.* 1928
31 Federal, Greenfield
Moran, T. W., Jr., a.r.p. *Path.* 1950
Mellon National Bank Bldg., Latrobe, Pa.
Moreton, J. R., *W.S.* 1944; j.r.s. 1945
1022 S. 12th, East, Salt Lake City, Utah
MORGAN, C. L., a.r.p. *C.M.*
M. G. H.
Morgan, William L., Jr., *M.* 1953; r.p. 1957 M. G. H.
MORGAN, WINFIELD S., a. path.; r.p. *Path.* 1951 M. G. H.
Morris, H. D., *Or.* 1937
3503 Prytania, New Orleans, La.
Morris, J. McL., *E.S.* 1942; a.r.s. 1947 Yale Univ. Sch. of Med., New Haven, Conn.
Morrison, G. M., *Or.* 1941
77 San Mateo Dr., San Mateo, Calif.
Morrison, H. R., *E.M.* 1936; r.p. *R.* 1939 370 Marlborough
Morrison, R. W., *E.S.* 1943
65 Sunset Parkway, Asheville, N. C.
MORRISSEY, A. M., a.s. *Oph.*
185 High, Medford
Morrissey, E. James, *Or.* 1935; r.s. *Or.* 1936 230 N. 5th, Reading, Pa.
MORRISSEY, EUGENE J., a.r.s. *Or.*
M. G. H.
Morse, G. W., *E.S.* 1910; h.s. *E.S.* 1912 Brooks Hosp., Brookline
Morton, J. J., h.s. *E.S.* 1916
Strong Memorial Hosp., Rochester, N. Y.
MOSCHELLA, S. L., a. *D.*
887 Commonwealth Ave., Newton Centre

MOSER, H. W., a. *N.;* r.p. *N.* 1959
M. G. H.
MOSHER, H. A., a.s. *Oph.*
266 Beacon
MOSS, A. J., a.r.p. (*M.* 1958)
M. G. H.
Mote, J. R., *W.M.* 1937
11 E. 68th, New York, N. Y.
Moyer, D. LaR., a.r.p. *Path.* 1955
Univ. of California Sch. of Med.
at Los Angeles, Los Angeles, Calif.
Mudd, S. Harvey, *M.* 1954
National Inst. of Health,
Bethesda, Md.
Mudd, Seeley G., *W.M.* 1926
523 W. 6th, Los Angeles, Calif.
Mueller, Barbara Gurd, r.p. *Psychiat.*
(*McL.*) 1959 Beth Israel Hosp.
MUELLER, E. H. J., r.p. *Psychiat.*
(*McL.*); r.p. *Psychiat.* 1958
McLean Hosp., Belmont
MUELLER, G. C. E., a.r.s. (*S.* 1958)
M. G. H.
MUELLER, H. PETER, clin. assoc.
R. M. G. H.
Mueller, Harry L., *C.M.* 1935
31 Church, Winchester
MUELLER, W., dir. *Otolar. Path.*
Mass. E. & E. Inf.
MUIRHEAD, D. M., Jr., a.r.p. *C.M.*
(*C.M.* 1960) M. G. H.
Mulford, E. H., II, a.r.s. *N.S.* 1947
748 Post Rd., Darien, Conn.
Müller, A. F., a.r.p. 1953
Hôpital Cantonal,
Univ. of Geneva,
Geneva, Switzerland
Mundth, E. D., *S.* M. G. H.
Munro, Jeannette, *C.M.* 1929
Princeton Hosp., Princeton, N. J.
Munro, N. D., *E.S.* 1942; r.s. 1944
740 W. Michigan Ave.,
Jackson, Mich.
Murphy, G. B., Jr., *S.* 1952; a.r.s. 1957
Gundersen Clinic, La Crosse, Wis.
MURPHY, H. J., a. dir. M. G. H.
MURPHY, W. F., attend. psychiat.
(*McL.*) 11 Marlborough
Murray, D. B., a.r.p. *Path.* 1956
New Eng. Deaconess Hosp.
MURRAY, J. E., clin. assoc. *S.*
330 Dartmouth
Musgrave, Rhoda U., r.p. *Psychiat.*
(*McL.*) 1937 address unknown
Mushatt, C., r.p. *Psychiat.* 1946
270 Commonwealth Ave.
MYERS, G. S., assoc. p. (*W.M.* 1942);
c.r.p. 1943 M. G. H.

NADAS, A. S., assoc. p. *C.M.*
Children's Med. Center
NARDI, G. L., a.s. (*E.S.* 1945);
r.s. 1951 M. G. H.
Nathan, L., *Or.* 1930
Vet. Adm., Outpatient Clinic,
17 Court
Nellhaus, G., *C.M.* 1957; c.r.p. *C.M.*
1959
Columbia-Presbyterian Med. Center,
New York, N. Y.
Nelson, C., *E.S.* 1939 490 Post,
San Francisco, Calif.
Nelson, R. M., a.r.s. 1954
Salt Lake Clinic,
Salt Lake City, Utah
Nelson, W. M., *E.M.* 1920
1305 4th Ave., Seattle, Wash
NEMIAH, J. C., psychiat.; a.r.p.
Psychiat. 1949 M. G. H.
Neptune, E. M., *E.S.* 1928
726 W. Onondaga, Syracuse, N. Y.
Nesche, G. E., r.p. *W.M.* 1929
2938 McClure, Oakland, Calif.
NEUMANN, E. T., admin. M. G. H.
Neville, C. W., Jr., r.p. *Psychiat.*
(*McL.*) 1959 Beth Israel Hosp.
Newell, James W., *W.S.* 1943; j.r.s.
1944 29 Glen Alpine Rd.,
Piedmont, Calif.
NEWELL, JOHN L., clin. assoc. *Obst.*
(*E.S.* 1932) 1101 Beacon, Brookline
Newhall, H. F., *E.S.* 1906
51 Nahant, Lynn
Newman, E. V., *C.M.* 1941
Vanderbilt Univ. Sch. of Med.,
Nashville, Tenn.
NEWMAN, H. A., a.r.p. *C.M.*
M. G. H.
Newstedt, J. R., r.s. 1950
108 William Howard Taft Rd.,
Cincinnati, Ohio
Nicholson, J. T., r.s. *Or.* 1933
Sch. of Med., Univ. of Pennsylvania,
Philadelphia, Pa.
Nicosia, A. P., a.r.p. *C.M.* 1949
348 Park Ave., Munsey Park,
Manhasset, Long Island, N. Y.
Nielsen, T. W., *S.* 1949; a.r.s. 1953
60 S. 4th, East, Salt Lake City, Utah
Nilges, R. G., r.s. *N.S.* 1951
2717 Wabash Ave., Gary, Ind.
Noble, C. A., Jr., *E.M.* 1931
384 Post, San Francisco, Calif.
NOBLES, E. R., Jr., a.r.s. (*S.* 1955)
M. G. H.
Norbury, F. B., *M.* 1949
1631 Mound Ave.,
Jacksonville, Ill.

Norcross, J. W., *E.M.* 1937
605 Commonwealth Ave.
Normann, N., a.r.p. *An.* 1951
Eastern Pennsylvania Psychiatric Inst., Philadelphia, Pa.
NORTON, P. L., v.s. *Or.* (*Or.* 1933); r.s. *Or.* 1934
1180 Beacon, Brookline
NOSS, G. M., clin. assoc. *Dn.*
31 Bay State Rd.
NYILAS, E., a. physicist *M.*; a. chem. *N.S.* M. G. H.
Oakley, J. C., *Dn.* 1959
64 Sagamore Rd., Worcester
O'Brien, F. W., Jr., a.r.p. *R.* 1951
465 Beacon
O'BRIEN, RICHARD G., clin. assoc. *R.* 1265 Beacon, Brookline; 465 Beacon
O'Brien, Robert M., *Or.* 1941
950 Francis Pl., St. Louis, Mo.
O'Brien, W. M., *M.* 1957; a.r.p. 1958
National Inst. of Health, Bethesda, Md.
O'Connor, D. S., *Or.* 1925
Yale Univ. Sch. of Med., New Haven, Conn.
O'Connor, H., a.r.s. *Or.* 1953
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Odland, G. F., *M.* 1947; r.p. *D.* 1954
1523 Medical and Dental Bldg., Seattle, Wash.
OFFENBACH, BERTHA, a. *Oph.*
270 Commonwealth Ave.
Ogden, R. T., *C.M.* 1925
85 Jefferson, Hartford, Conn.
OJEMANN, R. G., sr.r.s. *N.S.* M. G. H.
OKAMURA, I. D., a.s. *Oph.*
Mass. E. & E. Inf.
O'KEEFE, E. S., hon. p.
31 Broad, Lynn
O'Keeffe, A. F., a.r.s. 1951
410 South, Needham
OKUN, M. R., a.r.p. *D.* M. G. H.
OLIN, H. S., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1959
McLean Hosp., Belmont
OLIN, M. J., dn. s.
29 Commonwealth Ave.
OLIVE, G. M., Jr., a. *Oph.*
94 Pleasant, Arlington; 270 Commonwealth Ave.
O'Malley, A. F., a.r.s. *U.* 1957
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Omer, J. A., *Or.* 1912
4 E. Congress, Tucson, Ariz.
Organick, A. B., *M.* 1952; a.r.p. 1953
Navajo Med. Center Sanitarium, Fort Defiance, Ariz.
Ormandy, L., *Or.* 1943
1532 16th, N.W., Washington, D.C.
O'ROURKE, H. J., a. podiatrist *Or.*
111 Main, Peabody
Orski, Barbara M., *C.M.* 1955; a.r.p. *C.M.* 1956
Kaiser Foundation Hosp., Oakland, Calif.
OSBORNE, R. K., a.r.p. (*M.* 1957) M. G. H.
Osgood, Herman A., h.p. *R.* 1919
144 Commonwealth Ave.
Osgood, Howard, *E.M.* 1917
187 Linwood Ave., Buffalo, N. Y.
O'SHEA, J. A., clin. assoc. *C.M.*; a.r.p. *C.M.* 1950 11William, Andover
Osius, E. A., *W.M.* 1923
901 David Whitney Bldg., Detroit, Mich.
O'Sullivan, Renée B., a.r.p. *C.M.* 1957
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
Ottenheimer, E. J., *E.S.* 1924
132 Mansfield Ave., Willimantic, Conn.
Owen, W. R., *M.* 1950; r.p. 1952
6410 Fannin, Houston, Tex.
Owyang, Pauline, *C.M.* 1943
35 Binney
Packard, G. B., *E.S.* 1916; h.s. *E.S.* 1917 227 16th, Denver, Colo.
Packert, R. C., r.p. *R.* 1958 M. G. H.
PAGE, L. B., a.p. (*M.* 1950); r.p. 1956 M. G. H.
PALMER, R. S., *Bd. of Cons.* (*W.M.* 1927) 330 Dartmouth
Papadopoulos, D. A., r.s. *U.* 1956
4 Dragoumi, Thessalonica, Greece
PAPAZIAN, C. E., a.r.p. *C.M.* M. G. H.
Park, J. H., *C.M.* 1918
3720 Fannin, Houston, Tex.
Parker, G. D., *Dn.* 1939
5528 E. 33rd Ave., Denver, Colo.
Parker, J. S., *W.S.* 1946
3 Seaward Rd., Wellesley Hills
Parkhurst, A. E., *W.M.* 1919
1 Monument Sq., Beverly

PARKHURST, E. C., a. *U.*; r.s. *U.* 1958 M. G. H.
Parnall, E., *Or.* 1932
1 Med. Arts Sq., Albuquerque, N. M.
Parson, W., c.r.p. 1942
Sch. of Med., Univ. of Virginia, Charlottesville, Va.
PARSONS, ANNE, a. soc. anthropol. (*McL.*) McLean Hosp., Belmont
PARSONS, L., *Bd. of Cons.* (*W.S.* 1929) 203 Commonwealth Ave.
Patterson, H. E., a.r.p. *C.M.* 1952
210 S. 11th Ave., Yakima, Wash.
Patterson, Robert L., Jr., *Or.* 1935
148 E. 65th, New York, N. Y.
Patterson, Russel H., *E.S.* 1919; h.s. *U.* 1920
166 E. 63rd, New York, N. Y.
PATTON, A. S., a.r.s. (*S.* 1959) M. G. H.
Paul, J. R., Jr., *C.M.* 1943
4002 Hammersley Ave., Madison, Wis.
Paul, O., *W.M.* 1943
122 S. Michigan Ave., Chicago, Ill.
PAVLO, I. L., a. *Oph.* 330 Dartmouth
Peabody, C. W., *E.S.* 1917 and *Or.* 1920 25 Riverside Dr., Barrington, R. I.
Peabody, H. D., Jr., *M.* 1945
3147 Front, San Diego, Calif.
PEARL, D. C., Jr., a.r.s. (*S.* 1959) M. G. H.
Pearse, R. L., *E.S.* 1934
604 W. Chapel Hill, Durham, N. C.
Pearson, C. M., a.r.p. *Path.* 1948
Univ. of California Med. Center, Los Angeles, Calif.
Pearson, O. H., *W.M.* 1941; a.r.p. 1942
Western Reserve Univ. Sch. of Med., Cleveland, Ohio
Pechet, M. M., a.r.p. 1952 M. G. H.
Pederson, D. P., c.r.p. *An.* 1957
650 S. Central Ave., Marshfield, Wis.
PEEBLES, R. R., assoc. psychol. M. G. H.
PEEBLES, T. C., assoc. p. *C.M.* (*C.M.* 1952); c.r.p. *C.M.* 1955
100 Summer, Weston
Peete, W. P. J., *S.* 1948; r.s. 1953
Duke Univ. Med. Center, Durham, N. C.
Peiffer, Geraldine M., a.r.p. *An.* 1957
St. Margaret Hosp., Hammond, Ind.
PENDLETON, M. E., assoc. p. *C.M.*
Boston Lying-in Hosp.
Perkins, A., *E.S.* 1925
813 Ogden Canyon, Ogden, Utah
Perkins, J. F., Jr., *W.S.* 1938
Univ. of Chicago, Chicago, Ill.
Perkins, W. A., *E.S.* 1917; h.s. *E.S.* 1919 2490 Channing Way, Berkeley, Calif.
Perley, A. I., r.p. *D.* 1948
2030 11th Ave., South, Birmingham, Ala.
PERLO, V. P., assoc. n. M. G. H.
Perrin, G. M., *C.M.* 1953; a.r.p. *C.M.* 1954 Boston City Hosp.
Perry, J. W., r.p. *Psychiat.* (*McL.*) 1947 Zurich, Switzerland
Perry, Jalna A., r.p. *Psychiat.* (*McL.*) 1959 Mass. Memorial Hosp.
Persons, E. L., *E.M.* 1929; r.p. *E.M.* 1930 Duke Univ. Med. Center, Durham, N. C.
Peters, J. H., *W.M.* 1943
44 E. 23rd, New York, N. Y.
Petersen, J. A., r.p. *R.* 1956
81 College Ave., Somerville
Peterson, E. W., *M.* 1944; a.r.p. 1947
Arneill Clinic, Denver, Colo.
Peterson, Harold O., a.r.p. *R.* 1936
350 St. Peter, St. Paul, Minn.
PETERSON, HART deC., a.r.p. *C.M.* M. G. H.
Peterson, Hugo O., *E.M.* 1912
36 Pleasant, Worcester
Petranek, J. R., *M.* 1954; a.r.p. 1955
2 Poplar, Ipswich
PFEFFER, W., Jr., a.p. *C.M.*
356 Walnut, Wellesley
Phelps, W. M., *Or.* 1922 and *Thd. S.* 1923 3038 St. Paul, Baltimore, Md.
Phillips, E. B., II, *C.M.* 1948; a.r.p. *C.M.* 1949 319 Longwood Ave.
Phippen, W. G., *S.S.* 1906
31 Chestnut, Salem
Picard, E. H., a.r.p. *N.* 1957 M. G. H.
PICK, W., clin. assoc. *C.M.*; r.p. *C.M.* 1947 42 Fox, Fitchburg
Pickard, N. S., *Or.* 1940
Plaza Med. Bldg., Kansas City, Mo.
PIER, A. S., Jr., a.p. (*W.M.* 1941); a.r.p. 1942 262 Beacon
Pier, G., *W.S.* 1943
111 E. 94th, New York, N. Y.

Pierce, F. D., r.p. *W.M.* 1931
619 E. Broward Blvd.,
Fort Lauderdale, Fla.
PIERCE, IRENE R., c. psychol. (*McL.*)
McLean Hosp., Belmont
PIETRA, G. G., a.r.p. *Path.* M. G. H.
Pike, M. M., *Or.* 1929
85 Jefferson, Hartford, Conn.
Pillsbury, P. L., *W.M.* 1942
3512 Clay, San Francisco, Calif.
Pinckney, M. M., *W.M.* 1932
116 E. Franklin, Richmond, Va.
PIPPITT, R. B., a.s. *Oph.* (*E.M.* 1938 and *Path.* 1939); a.r.p. *N.* 1941
328 Washington, Wellesley Hills
PITTMAN, HELEN S., *Bd. of Cons.*
M. G. H.
Pittman, J. A., Jr., *M.* 1953; a.r.p. 1954
Vet. Adm. Hosp.,
Birmingham, Ala.
Pitts, J. D., *S.* 1950; a.r.s. 1956
314 Angell, Providence, R. I.
Placak, J. C., Jr., *W.S.* 1936
10515 Carnegie Ave.,
Cleveland, Ohio
PLOTKIN, L. H., clin. assoc. *C.M.* (*C.M.* 1955); a.r.p. *C.M.* 1956
38 Chestnut, Springfield
Pohl, J. F., *Or.* 1934
78 S. 9th, Minneapolis, Minn.
POINT, W. W., a.p. M. G. H.
POLANSKY, S. C., a.dn.s.
60 Washington, Salem
POLLARD, J. T., Jr., a. *R.*; r.p. *R.* 1959
M. G. H.
POLLEN, A., a.s. *Oph.* 636 Beacon
PONTOPPIDAN, H., a.an.; c.r.p. *An.* 1958
M. G. H.
POPE, A., n.p. (*McL.*)
McLean Hosp., Belmont
Porter, H., r.p. *N.* 1946
New Eng. Center Hosp.
Porter, P. J., *C.M.* 1957; a.r.p. *C.M.* 1958
Children's Med. Center
PORVAZNIK, J. T., Jr., a.r.s. (*S.* 1959)
M. G. H.
Poskanzer, D. C., r.p. *N.* 1959
900 West End Ave.,
New York, N. Y.
POSTEL, S., a. *M.* M. G. H.
POTSAID, M. S., a.r.; r. (*McL.*); r.p. *R.* 1957
M. G. H.
POTTER, M. G., a. *Psychiat.*
1419 Beacon, Brookline
Potts, J. T., *M.* 1958; a.r.p. 1959
National Inst. of Health,
Bethesda, Md.
POULES, RUTH E., exec. a. *B.M.* (*R.N.*)
M. G. H.
POULIN, F. K., a.dn.s. (*Dn.* 1942)
196 Marlborough
Powell, S. M., Jr., a.r.p. *C.M.* 1947
3154 Reid Dr., Corpus Christi, Tex.
Prather, G. C., *E.S.* 1925
1180 Beacon, Brookline
Pratt, T. C., *E.S.* 1929
1101 Beacon, Brookline
PREKUP, J. T., admin. (*McL.*)
McLean Hosp., Belmont
PRENSKY, A. L., a.r.p. *N.* M. G. H.
PRESCOTT, R., a.r.p. (*M.* 1960)
M. G. H.
PRICE, S. E., Jr., sr.a.r.s. *U.* (*S.* 1955); a.r.s. 1958
M. G. H.
Prindle, K. H., *N.* 1926 and *W.S.* 1928
23 Baldwin Ave.,
San Mateo, Calif.
Probst, J.-H., a.r.p. *C.M* 1957
M. G. H.
PRUS, A. M., a.r.p. *An.* M. G. H.
PRYLES, C. V., a.p. *C.M.*
Boston City Hosp.
Putnam, C. R. L., *S.S.* 1895
333 E. 68th, New York, N. Y.
Putnam, H. M., *E.M.* 1937
743 High, Dedham
Putnam, J. J., *C.M.* 1920
28 School, Foxboro
Putnam, T. J., *E.S.* 1923
450 N. Bedford Dr.,
Beverly Hills, Calif.
Quan, S. H. Q., *Path.* 1947
Memorial Hosp., New York, N. Y.
QUARTON, G. C., psychiat.; r.p. *N.* 1947; r.p. *Psychiat.* 1949; sr.r.p. *Psychiat.* (*McL.*) 1950 M. G. H.
QUINBY, J. T., a.p. (*E.M.* 1941)
M. G. H.
QUINBY, W. C., Jr., a.s.; r.s. 1950
M. G. H.
Quinn, T. J., Jr., r.p. *An.* 1950
505 2nd Ave., San Bruno, Calif.
RABB, S. R., *Trustee*
393 D, S. Boston
Rabinowitz, M., a.r.p. 1955
M. G. H.
RABKIN, M. T., r.p. (*M.* 1956)
M. G. H.
RACKEMANN, F. M., hon. p. (*E.M.* 1914)
266 Beacon
Radcliffe, E. J., *Or.* 1925
67 Butterfield Ter., Amherst
Radebaugh, J. F., Jr., *C.M.* 1954; a.r.p. *C.M.* 1955
26 S. Goodman, Rochester, N. Y
RAE, R. G., dn.s.
145 W. Elm, Brockton

Ragland, S., Jr., *M.* 1951; a.r.p. 1952
3540 Floyd Ave., Richmond, Va.
RAK, I. P., a. *Psychiat.* 422 Beacon
RAKER, J. W., a.s. (*E.S.* 1942); r.s. 1949 M. G. H.
Ramcharan, Savitri, *C.M.* 1954
address unknown
Randall, Raymond V., *M.* 1946
Mayo Clinic, Rochester, Minn.
Randall, Russell E., Jr., a.r.p. 1956
320 James, Teaneck, N. J.
Randolph, J. G., a.r.s. 1958
Children's Med. Center
RAPOPORT, R. N., cons. *Soc. Sc.* (*McL.*) McLean Hosp., Belmont
RAPPAPORT, SELMA, a. psychol. M. G. H.
Rappleye, W. C., *W.M.* 1919
Josiah Macy, Jr. Foundation,
16 W. 46th, New York, N. Y.
Rasmussen, H., *M.* 1953; a.r.p. 1955
Rockefeller Inst., New York, N. Y.
Rasmussen, Jane S., *C.M.* 1954; a.r.p. *C.M.* 1955 445 E. 65th,
New York, N. Y.
Ratcliffe, J. W., *W.S.* 1946
111 St. Matthews Ave.,
San Mateo, Calif.
Rauh, A. E., *C.M.* 1936 725 S. 2nd,
Springfield, Ill.
Ray, L. F., r.p. *D.* 1939
Medical Dental Bldg., Portland, Oreg.
Rebello, D. J. A., a.r.p. *D.* 1954
130 Hill Rd., Bandra,
Bombay, India
RECORD, E. E., a.s. *Or.* (*N.S.* 1937 and *Or.* 1941) M. G. H.
Reed, C. R., Jr., *Or.* 1936
1833 Line Ave., Shreveport, La.
REED, G. F., assoc. s. *Otolar.* and a.c. *Otolar.* Mass. E. & E. Inf.
Reeves, J. D., r.p. *R.* 1951
Univ. of Florida Coll. of Med.,
Gainesville, Fla.
Reeves, R. J., r.p. *R.* 1926
Duke Univ. Med. Center,
Durham, N. C.
REGAN, C. D. J., a. *Oph.*
520 Commonwealth Ave.
REGGIO, A. W., hon. s. (*W.S.* 1914)
School, Medfield
Register, J. F., *Or.* 1936
137 Bishop, Greensboro, N. C.
REID, D. E., *Bd. of Cons.*
221 Longwood Ave.
Reid, Elizabeth Aub, *M.* 1952
Mass. Mental Health Center
REIDY, J. A., a.s. *Or.* (*Or.* 1939)
3 Seaward Rd., Wellesley Hills; M. G. H.
Reilly, W. A., *C.M.* 1928
Vet. Adm. Hosp., San Francisco, Calif.
REITH, H. C., clin. assoc. *Dn.*
370 Commonwealth Ave.
REMENSNYDER, J. P., Jr., a.r.s. (*S.* 1958) M. G. H.
Revercomb, P. H., a.r.p. 1933
1031 Quarrier, Charleston, W. Va.
REYERSBACH, GERTRUD C., assoc. p. *C.M.* (*C.M.* 1943); r.p. *C.M.* 1945 330 Dartmouth
Reynolds, G. S., r.s. *Thd. S.* 1924
100 North, Pittsfield
Rhinelander, F. W., *E.S.* 1937 and *Or.* 1938
Cleveland Metropolitan Gen. Hosp.,
Cleveland, Ohio
RHODES, F. I., dn.s.
1352 Beacon, Brookline
Rhodes, J. S., r.s. *U.* 1935
700 W. Morgan, Raleigh, N. C.
Rice, J. O., r.p. *Psychiat.* (*McL.*) 1959
Vanderbilt Univ. Hosp.,
Nashville, Tenn.
Richards, D. N., *E.S.* 1912
400 29th, Oakland, Calif.
Richards, D. N., Jr., *W.S.* 1943; a.r.s. 1948
166 Tunnel Rd., Berkeley, Calif.
Richards, R. S., r.p. *R.* 1958
Lankenau Hosp., Philadelphia, Pa.
RICHARDSON, E. P., Jr., assoc. n. and n.p. (*M.* 1943); r.p. *Psychiat.* 1947 M. G. H.
RICHARDSON, G. S., a.s. (*W.S.* 1947); r.s. 1954 M. G. H.
RICHARDSON, J. R., s. *Otolar.*
403 Commonwealth Ave.
Richardson, W. R., *W.S.* 1945; a.r.s. 1950 2754 Bush Blvd.,
Birmingham, Ala.
RICHIE, R. H., Jr., a.p. *C.M.*; a.r.p. *C.M.* 1957 M. G. H.
Riddell, R. V., *E.S.* 1943 and *Path.* 1947 902 Edmond, St. Joseph, Mo.
Riege, D. H., *C.M.* 1947
1711 Roosevelt Ave.,
San Antonio, Tex.
RIEMER, K., a.s. *Oph.*
403 Commonwealth Ave.
Riley, A., *S.S.* 1909
59 Bay State Rd.
RING, H. G., a. *Oph.*
111 Maple, Springfield

Risley, E. H., *E.S.* 1908
27 College Ave., Waterville, Maine
Risley, T. S., *E.S.* 1942; r.s. 1947
1 Monument Sq., Beverly
Ritchie, A. C., a.r.p. *Path.* 1954
St. Mary's Hosp., Montreal, Canada
ROBBINS, J. B., a.r.p. *C.M.* (*C.M.* 1960) M. G. H.
ROBBINS, L. L., c. *R.;* r.p. *R.* 1941 M. G. H.
Roberts, C. D., a.r.p. 1938
109 E. Palisade Ave., Englewood, N. J.
Robertson, C. W., *Path.* 1942 and *E.S.* 1943; r.s. 1947
203 Commonwealth Ave.
Robertson, O. H., *W.M.* 1914
Dept. of Biol., Stanford Univ., Stanford, Calif.
ROBEY, J. S., a.p. *C.M.* (*C.M.* 1953); a.r.p. *C.M.* 1956 51 Brattle, Cambridge
Robillard, Francoise Robert, a.r.p. *Path.* 1956 1676 Van Horne Ave., Montreal, Canada
Robillard, R. L., a.r.p. *N.* 1957
1676 Van Horne Ave., Montreal, Canada
Robins, E., a.r.p. *Psychiat.* 1945
Washington Univ. Sch. of Med., St. Louis, Mo.
Robinson, C. M., *W.S.* 1913
31 Deering, Portland, Maine
ROBINSON, D. R., a.r.p. (*M.* 1958); a.r.s. 1959 M. G. H.
Robinson, J. M., r.p. *R.* 1936
2115 Van Ness Ave., San Francisco, Calif.
ROBINSON, P. M., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
ROCK, J., hon. s. (*W.S.* 1919)
77 Glen Rd., Brookline
Rockey, E. W., *E.S.* 1914
330 Med. Arts Bldg., Portland, Oreg.
ROCKWOOD, ETHEL M., hon. p.
416 Marlborough
Rodgers, R. S., r.s. *U.* 1947
547 Med. Arts Bldg., Minneapolis, Minn.
RODKEY, G. V., a.s. (*W.S.* 1943); r.s. *Or.* 1945; a.r.s. 1950
266 Beacon
Roe, B. B., *W.S.* 1943; r.s. 1950
384 Post, San Francisco, Calif.
Rogers, D. M., *C.M.* 1938
9 Pine, S. Hamilton
ROGERS, H., *Bd. of Cons.* (*E.S.* 1925)
580 Osgood, N. Andover
Rogers, O. F., *W.M.* 1913; h.p. *E.M.* 1916
140 Ogden, New Haven, Conn.
ROGERS, WILLIAM A., *Bd. of Cons.* (*Or.* 1924) Peacham, Vt.
ROGERS, WILLIAM P., Jr., a.s.; a.s. *Otolar.* Taylor Med. Bldg., Weston
ROLETT, E. L., r.p. (*M.* 1956) M. G. H.
ROOPENIAN, A., assoc. s. *Otolar.*
475 Commonwealth Ave.
Roots, L. H., *W.S.* 1933
475 Riverside Dr., New York, N. Y.
ROPES, MARIAN W., p.; a.r.p. 1934 M. G. H.
Rosales, Remedios K., r.p. *N.P.* 1952; a.r.p. *Path.* 1954
Univ. of Santo Tomás, Manila, P. I.
Rose, A. S., *E.M.* 1934; r.p. *Psychiat.* (*McL.*) 1934 Univ. of California Med. Center, Los Angeles, Calif.
Rose, J. A., *M.* 1957; a.r.p. 1958
National Inst. of Health, Bethesda, Md.
Rose, P. F., a.r.p. *C.M.* 1959
Southwestern Med. Sch., Univ. of Texas, Dallas, Tex.
Rosen, R. B., *C.M.* 1953; a.r.p. *C.M.* 1954 Children's Med. Center
ROSEN, V. J., Jr., a.r.p. *Path.* M. G. H.
Rosenbaum, M., r.p. *Psychiat.* (*McL.*) 1937; r.p. *Psychiat.* 1939
Cincinnati Gen. Hosp., Cincinnati, Ohio
Rosenberg, E. William, r.p. *D.* 1959
Jackson Memorial Hosp., Miami, Fla.
ROSENBERG, EARLE H., r.s. *Dn.* (*Dn.* 1958) M. G. H.
ROSENBERG, I. H., a.r.p. (*M.* 1960) M. G. H.
Rosenkrantz, J. G., *S.* 1954; a.r.s. 1959
Children's Med. Center
Rosenman, L. D., *E.S.* 1943; a.r.s. 1949
2320 Sutter, San Francisco, Calif.
Rosenthal, A. L., a.r.p. *D.* 1956
c/o Dr. Charles R. Rein, 580 5th Ave., New York, N. Y.
ROSENTHAL, M. K., j.a.r.p. *C.M.* M. G. H.
ROSS, R. A., p. *C.M.*
51 Brattle, Cambridge
Rosser, C., *W.S.* 1918
1719 Pacific Ave., Dallas, Tex.

Roth, J. d'A., *M.* 1945
Regional Hosp.,
SHAAF, Salvia, Kan.

Roth, S. I., *Path.* 1957; a.r.p. *Path.* 1958 M. G. H.

Rothberg, H. D., Jr., *M.* 1954; r.p. 1959 Seton Hall Coll. of Med.,
Jersey City, N. J.

Rothfeld, L. J., a.r.p. *An.* 1955
711 Grevillea, Hawthorne, Calif.

ROUNDS, C. E., clin. assoc. *Dn.* (*Dn.* 1947) 403 Commonwealth Ave.

ROURKE, GRACE MARGARET, res. assoc. *M.* M. G. H.

Rovit, R. L., r.s. *N.S.* 1958
Montreal Neurological Inst.,
Montreal, Canada

ROWE, C. R., a.s. *Or.* (*Or.* 1939) M. G. H.

Rowe, J. C., *M.* 1952; r.p. 1957
490 Post, San Francisco, Calif.

Rowell, H. G., *W.S.* 1921
525 W. 120th, New York, N. Y.

RUBEN, M., a.s. *Otolar.*
311 Commonwealth Ave.

Rubinstein, J. H., *C.M.* 1954; a.r.p. *C.M.* 1955 Children's Hosp.,
Cincinnati, Ohio

RUBOY, J. S., a.r.p. *C.M.* M. G.H.

RUDY, H. A., a. *U.* 60 Brattle,
Cambridge

Ruffin, M. deG., *Path.* 1939; r.p. *Path.* 1940
2015 R, N.W., Washington, D.C.

Rukes, J. M., *M.* 1950; a.r.p. 1952
Barnes Hosp., St. Louis, Mo.

Ruley, H. B., *N.S.* 1939 and *W.S.* 1941; a.r.s. 1942
Med. Arts Bldg., Oak Ridge, Tenn.

RUNGE, P. M., a. *Oph.*
140 Marlborough

Russell, H. N., Jr., *C.M.* 1939
Greeley Clinic, Greeley, Colo.

RUSSELL, P. S., a. *S.* (*S.* 1949); r.s. 1956 M. G. H.

Russfield, Agnes Burt, *Path.* 1950; a.r.p. *Path.* 1951
Bio-Research Inst., Inc.,
9 Commercial, Cambridge

Rutherford, Robert N., *W.S.* 1938
707 Broadway, Seattle, Wash.

Rutherford, Rondall W., *C.M.* 1933
21 Institution Ave.,
Newton Centre

Rutledge, R. H., *S.* 1950; r.s. 1957
800 5th Ave., Fort Worth, Tex.

RUTSTEIN, D. D., cons. *Prev. M.* H. M. S.

Rutter, T., *E.S.* 1946; a.r.s. 1949
832 E. Main, Medford, Oreg.

Ryan, J. P., *Dn.* 1953 211 6th,
Mechanicville, N. Y.

Ryan, Kenneth J., *M.* 1953; a.r.p. 1954
Boston Lying-in Hosp.

Ryan, Kevin G., *M.* M. G. H.

RYAN, MILDRED L., a.d.
57 W. Elm, Brockton

Sabin, H. S., r.s. *U.* 1941
4903 Rockwood Parkway, N.W.,
Washington, D. C.

SACHS, B. J., a. *Oph.* 636 Beacon

Sack, T., r.p. *Psychiat.* (*McL.*) 1958
McLean Hosp., Belmont

Sahay, B. M., a.r.p. *Psychiat.* 1959
Beth Israel Hosp.

Sahler, O. DeP., r.p. *R.* 1942
Mary Imogene Bassett Hosp.,
Cooperstown, N. Y.

SAIDI, F., a.r.s. M. G. H.

St. AUBIN, P. M. G., assoc. r. (*M.* 1948); r.p. *R.* 1953 M. G. H.

St. GOAR, W. T., a. *M.* (*M.* 1950); r.p. 1952 262 Beacon

Salamanca, J. J., *An.* 1943
Carrera 15, No. 15-34,
Bogotá, Colombia

SALZMAN, E. W., r.s. (*S.* 1954) M. G. H.

SAMIY, H. E., r.p. M. G. H.

Sampson, D. A., a.r.p. *R.* 1937
203 Suburban Sq. Bldg.,
Ardmore, Pa.

Sampson, J. J., *W.M.* 1923
2211 Post, San Francisco, Calif.

Sams, B. J., Jr., r.p. 1958
304 E. Huntingdon, Savannah, Ga.

Sanborn, F., *N.S.* 1939
S. Royalton, Vt.

SANCHEZ, G. C., a. *M.* (*M.* 1950); a.r.p. 1951 80 Berkeley,
W. Newton;
330 Dartmouth

Sanders, M. B., *E.S.* 1920
8 Marmion Way, Rockport

SANDERS, R. W., c.r.p. *C.M.* (*C.M.* 1959) M. G. H.

Sanderson, S. S., a.r.p. *R.* 1933
740 St. Helens Ave.,
Tacoma, Wash.

Sandifer, M. G., Jr., *M.* 1948; a.r.p. 1949 Univ. of North Carolina
Sch. of Med., Chapel Hill, N. C.

Sandler, A. I., *M.* 1956; r.p. 1958
475 E. Market, Long Beach, N. Y.

Sargent, F. B., *W.S.* 1920
124 Waterman, Providence, R. I.

Sarnoff, S. J., a.r.s. 1947
National Inst. of Health, Bethesda, Md.

SARRIS, S. P., clin. assoc. *S.* (*W.S.* 1939); r.s. 1940
56 Broad, Lynn

Sasahara, A. A., a.r.p. 1957
Vet. Adm. Hosp., W. Roxbury

Saslow, G., r.p. *Psychiat.* 1943
Univ. of Oregon Med. Sch., Portland, Oreg.

SATIN, D. G., r.p. *Psychiat.* (*McL.*); a.r.p. *Psychiat.* 1960
McLean Hosp., Belmont

Saunders, George M., *E.S.* 1928
5117 Federal Works Bldg., Washington, D. C.

Saunders, Gordon A., *E.M.* 1937
50 Pleasant, Arlington

Sawyer, C. S., r.p. *D.* 1943
184 Waterman, Providence, R. I.

SCANNELL, J. G., assoc. v.s. (*E.S.* 1941); r.s. 1946 M. G.H.

SCATCHARD, G., cons. *Or.*
M.I.T., Cambridge

SCEERY, R. T., assoc. p. *C.M.* (*C.M.* 1951); c.r.p. *C.M.* 1953
109 N. Main, Cohasset

Schaaf, R. S., *W.M.* 1943; r.p. 1948
425 Mount Prospect Ave., Newark, N. J.

SCHAPIRO, R. H., a.r.p. (*M.* 1959) M. G. H.

SCHATZKI, R., clin. assoc. *R.*
1180 Beacon, Brookline

SCHATZKI, S. C., r.p. *R.* M. G. H.

Schenk, W. G., Jr., *E.S.* 1946
40 Gates Circle, Buffalo, N. Y

SCHEPENS, C. L., a.s. *Oph.*
99 W. Cedar

Schiebler, G. L., *C.M.* 1955; a.r.p. 1956 36 Grandview Ter., Hamburg, Pa.

SCHIMKE, R. T., a.r.p. (*M.* 1959) M. G. H.

SCHMID, K., assoc. biochem. *M.* M. G. H.

Schmidt, R. A., a.r.p. *An.* 1959
Minneapolis Gen. Hosp., Minneapolis, Minn.

SCHMITT, F. O., *Trustee*
M. I. T., Cambridge

Schnabel, T. G., Jr., a.r.p. 1947
209 Woodside Ave., Narberth, Pa.

Schnack, A. G. C., *E.M.* 1917
1013 Bishop, Honolulu, Hawaii

Schneider, B., r.p. *R.* 1947
Ochsner Clinic, New Orleans, La.

Schneider, C. C., *E.S.* 1919
231 W. Wisconsin Ave., Milwaukee, Wis.

Schneiderman, R. N., r.p. *D.* 1958
New York Univ. Postgraduate Med. Sch., 550 1st Ave., New York, N. Y.

SCHNITZER, R. D., a. psychol. (*McL.*) McLean Hosp., Belmont

Schoen, E. J., a.r.p. *C.M.* 1954
Kaiser Foundation Hosp., Oakland, Calif.

Scholl, A. J., *E.S.* 1917
1930 Wilshire Blvd., Los Angeles, Calif.

SCHOLL, MARY L., assoc. p. *C.M.* M. G. H.

Schueler, H. K., r.s. *U.* 1957
Harlan Memorial Hosp., Harlan, Ky.

Schuler, J. D., *C.M.* 1939
312 N. Boyle Ave., Los Angeles, Calif.

SCHULZ, M. D., r. M. G. H.

Schuster, S. R., a.r.s. 1952
Children's Med. Center

SCHWAB, R. S., n.; r.p. *N.* 1935 M. G. H.

Schwartz, A. B., *C.M.* 1914
Marquette Univ. Sch. of Med., Milwaukee, Wis.

Schwyzer, Marguerite, a.r.p. 1946
2069 Ford Parkway, St. Paul, Minn.

SCOTT, ALFRED W., a. *Oph.*
5 Bay State Rd.

Scott, Arthur C., Jr., *W.S.* 1919
213 W. Ave. G, Temple, Tex.

SCOTT, D. H., a.s. *Oph.*
1 Monument Sq., Beverly

SCOTT, J. F., assoc. biophysicist *M.* M. G. H.

Scott, M. W., Jr., *W.S.* 1945
720 Broad Ave., N.W., Canton, Ohio

Scott, T., r.p. 1939
200 W. 2nd, Lexington, Ky.

SCULLY, R. E., assoc. path. M. G. H.

Seabury, R. B., *W.S.* 1918
315 Whitney Ave., New Haven, Conn.

SEALE, E. S., assoc. s. *Oph.*
126 Bay State Rd.

Sears, J. B., *W.S.* 1929
416 Marlborough

Seed, J. C., *M.* 1946
Wellcome Res. Labs., Tuckahoe, N. Y.

SEELEY, C. B., r.p. *R.* M. G. H.

Seelye, W. C., *W.S.* 1900
390 Main, Worcester
SEGAL, B. E., res. a. *Soc. Sc.* (*McL.*)
McLean Hosp., Belmont
Seigle, S. P., *E.M.* 1942; a.r.p. 1946
85 Jefferson, Hartford, Conn.
Sell, S., *Path.* M. G. H.
Selverstone, B., r.s. *N.S.* 1947
New Eng. Center Hosp.
Semrad, E. V., r.p. *Psychiat.* (*McL.*) 1938 196 Trapelo Rd., Belmont
SENGHAS, R. E., a.r.s. *Or.* M. G. H.
Senior, B., *C.M.* 1950; a.r.p. *C.M.* 1951
3 3rd Ave., Lower Houghton, Johannesburg, South Africa
Shaffer, F. G., *S.* 1952; r.s. *U.* 1955; a.r.s. 1956 221 Fairmont Ave., Fairmont, W. Va.
Shaffer, H. A., a.r.p. *R.* 1932
Monongalia Gen. Hosp., Morgantown, W. Va.
SHANGRAW, K. A., a.dn.s.
96 Bay State Rd.
Shannon, E. W., r.s. *N.S.* 1944
930 Hanna Bldg., Cleveland, Ohio
Shannon, James G., *Or.* 1931
37 Ontario, South, St. Catharines, Ontario, Canada
SHANNON, JAMES M., clin. assoc. *S.* (*S.* 1948); a.r.s. 1954
31 Chestnut, Salem
Shannon, P. W., *Or.* 1934
1927 1st Ave., North, Birmingham, Ala.
SHARP, J. T., a. *M.* M. G. H.
Sharpe, J. D., sr.r.p. *Psychiat.* (*McL.*) 1951 Brattleboro, Vt.
SHATTUCK, G. C., cons. *T. Dis.* (*E.M.* 1906) H. M. S.
Shaw, E. B., r.p. *C.M.* 1924
384 Post, San Francisco, Calif.
Shaw, J. L., r.s. *P.H.* 1935 and *U.* 1937 899 Madison Ave., Memphis, Tenn.
SHAW, R. S., a.s. and a. dir. of *Blood Bank* (*W.S.* 1946); r.s. 1952 M. G. H.
Shea, C. J., *E.S.* 1943
1101 Beacon, Brookline
SHEA, MARJORIE L., cons. for Community Relations M. G. H.
SHEALY, C. N., a.r.s. *N.S.* M. G. H.
Shedden, W. M., *E.S.* 1920; h.s. *U.* 1921 and *W.S.* 1922
Vet. Adm. Hosp., Lake City, Fla.
SHELDON, C. P., clin. assoc. *Obst.* (*E.S.* 1931) 319 Longwood Ave.
Sheldon, D. B., *S.* 1951; a.r.s. 1955
10911 Weyburn Ave., Los Angeles, Calif.
SHERMAN, GRACE H., exec. a. *B.M.* (*S.N.* 1934) M. G. H.
SHERMAN, L. J., assoc. psychol. (*McL.*) 581 Pleasant, Brockton
Sherman, W. E., *C.M.* 1921
Winter Haven, Fla.
Ship, I. I., *Dn.* 1957 120 Center Dr., Bethesda, Md.
Shipley, Margaret S., *E.M.* 1943
1109 Sunset Blvd., N. Canton, Ohio
Shipman, T. L., r.s. *P.H.* 1936
Box 1663, Los Alamos, N. M.
Shirley, J. N., *W.S.* 1918
23 Commonwealth Ave., Newton
SHORE, S., a. *Otolar.*
60 Charlesgate West
Shorey, W. D., *E.S.* 1946; a.r.s. 1950
122 S. Michigan Ave., Chicago, Ill.
SHORT, C. L., p. (*W.M.* 1930); c.r.p. 1933 264 Beacon
Shugar, J. L., a.r.s. *Or.* 1950
70 Middlesex Rd., Waltham
Shurtleff, D. B., *C.M.* 1956; a.r.p. *C.M.* 1957
Children's Orthopedic Hosp., Seattle, Wash.
SIDMAN, R. L., a. *N.*; a.r.p. *N.* 1956 H. M. S.
SIFNEOS, P. E., assoc. psychiat.; r.p. *Psychiat.* (*McL.*) 1950; r.p. *Psychiat.* 1932 M. G. H.
Silverman, A. C., *C.M.* 1917
608 E. Genesee, Syracuse, N. Y.
SILVERMAN, S., attend. psychiat. (*McL.*) McLean Hosp., Belmont
SIMEONE, F. A., *Bd. of Cons.* (*W.S.* 1936); r.s. 1940
Cleveland Metropolitan Gen. Hosp., Cleveland, Ohio
SIMMEL, MARIANNE L., a. psychol. *N.S.* M. G. H.
SIMON, H., a.r.p. *R.* M. G. H.
Simon, R. L., *Or.* 1932
620 W. 4th, Williamsport, Pa.
Sinclair, E. B., r.p. *C.M.* 1940
176 Evergreen, Providence, R. I.
SINESI, S. J., a. *D.* M. G. H.
Singh, M. M., *M.* 1952; r.p. 1956
Gandhi Memorial and Associated Hosp., Lucknow, U. P., India
Single, Margaret A., a.r.p. *C.M.* 1958 M. G. H.
Singleton, J. W., *M.* 1958; a.r.p. 1959
National Inst. of Health, Bethesda, Md.

SHELTON, W. R., a. *Psychiat.*
51 Brattle, Cambridge
Siperstein, M. D., a.r.p. 1955
Univ. of Texas Med. Sch., Dallas, Tex.
SISCOE, D. L., hon. p. (*E.M.* 1921)
1101 Beacon, Brookline
SISSON, J. H., a. *M.*
203 Commonwealth Ave.
SISSON, W. R., hon. p. (*C.M.* 1912)
203 Commonwealth Ave.
Skinner, A. L., Jr., *C.M.* 1953
Children's Orthopedic Hosp., Seattle, Wash.
Skinner, D. B., *S.* M. G. H.
Skinner, J. C., r.p. *Psychiat.* 1948
Orchard Ave., Weston
SLATER, E. M., a.r.p. *An.* M. G. H.
Slaughter, R. F., r.p. *Psychiat.* (*McL.*) 1934
University Hosp., Augusta, Ga.
SLEEPER, E. L., clin. assoc. *Dn.*
29 Lincoln, Framingham
SLEEPER, RUTH, dir. *S.N. and Nurs. Serv.* (*S.N.* 1922) M. G. H.
SLEMONS, MARION L., a.p. *C.M.*
400 Commercial, Braintree
SLOANE, A. E., assoc. s. *Oph.*
416 Marlborough
Sloane, R. B., r.p. *Psychiat.* 1953
Queen's Univ., Kingston, Ontario, Canada
SLOWICK, MARY A., exec. a. *B.M.* (*R.N.*) M. G. H.
Smillie, J. W., *E.S.* 1944; j.r.s. 1945
Univ. of Michigan Med. Center, Ann Arbor, Mich.
SMITH, CLEMENT A., cons. *C.M.*
221 Longwood Ave.
Smith, Curtis E., *W.M.* 1919 and *E.S.* 1921
490 Post, San Francisco, Calif.
Smith, E. Gerard, r.p. *R.* 1934
339 N. Duke, Lancaster, Pa.
Smith, Edward T., *Or.* 1937
6410 Fannin, Houston, Tex.
SMITH, G. G., hon. s. (*W.S.* 1909)
136 Myrtle
Smith, Hervey L., *W.M.* 1907
235 Queens Lane, Palm Beach, Fla.
Smith, Howard W., *Dn.* 1946
64 Trumbull, New Haven, Conn.
SMITH, J. A., *Bd. of Cons.*
1180 Beacon, Brookline
SMITH, L. H., Jr., a.p. (*M.* 1949); c.r.p. 1956 M. G. H.
Smith, M. L., a.r.p. *An.* 1951
544 W. 2nd, Lexington, Ky.
SMITH, N. T., a.r.p. *An.* M. G. H.
Smith, Richard H., a.r.p. *Psychiat.* 1958 M. G. H.
Smith, Richard M., *W.M.* 1909
330 Dartmouth
Smith, Robert P., *M.* 1943
195 S. Union, Burlington, Vt.
SMITH, T. R., a.s. *Oph.* and dir. *Oph. Path.* Mass. E. & E. Inf.
Smith, W. Pierce, r.p. 1956
Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain
SMITH, WILLIAM D., hon. p. (*W.M.* 1913) 1731 Beacon, Brookline
SMITH, WILLIAM H., hon. p. (*W.M.* 1897)
262 Commonwealth Ave.
SMITH-PETERSEN, M., a. *Or.;* sr. r.s. *Or.* 1952 266 Beacon
SMITHWICK, R. H., *Bd. of Cons.* (*E.S.* 1927); r.s. *W.S.* 1928
203 Commonwealth Ave.
Sneddon, E. A., r.p. *An.* 1954
Boston Univ.-Mass. Memorial Hosp. Med. Center
SNIFFEN, R. C., assoc. v. path.; r.p. *Path.* 1940
Memorial Hosp., Worcester; M. G. H.
SNOW, J. C., c. *An.* (*E. & E.*)
Mass. E. & E. Inf.
Snyder, J. C., *W.M.* 1939
Harvard Sch. of Public Health
Snyder, Monica H., r.p. *An.* 1935
10879 Whipple, N. Hollywood, Calif.
Snyder, W. H., Jr., *W.S.* 1933; r.s. 1935 7046 Hollywood Blvd., Hollywood, Calif.
Sober, S., a.r.s. *Or.* 1953
481 Colbourne, London, Ontario, Canada
SOHIER, W. D., Jr., a. to gen. dir. *Res. and Ed.;* a. *M.* (*M.* 1947); r.p. 1951 M. G. H.
Soholt, S. T., sr.r.s. *Or.* 1951
139 Arch, Redwood City, Calif.
SOLOMON, H. C., hon. p.; cons. psychiat. (*McL.*)
Mass. Mental Health Center
Solomon, J., r.p. *N.* 1944
2331 W. 3rd, Los Angeles, Calif.
SOLOWAY, A. H., a. chem. *N.S.* M. G. H.

Sosa, D., r.s. *N.S.* 1959
11 Calle 2-37, Zone 1,
Guatemala City, Guatemala

SOSKIN, W. F., res. assoc. *Psychol.* (*McL.*) McLean Hosp., Belmont

Sosman, J. L., a.r.p. *R.* 1952
Children's Med. Center

SOTOS, J. F., a. *C.M.* M. G. H.

Soule, A. B., Jr., a.r.p. *R.* 1932
Mary Fletcher Hosp.,
Burlington, Vt.

SOUTTER, L., clin. assoc. *S.*; a.r.s. 1941 Boston Univ. Sch. of Med.

SOWLES, H. K., hon. s. (*W.S.* 1917); h.s. *W.S.* 1918
413 Blackstrap Rd.,
Falmouth, Maine

Spalding, R., *E.M.* 1902
Longwood Towers, Brookline

SPANGLER, A. S., a. *D.*; r.p. *D.* 1945 1101 Beacon, Brookline

Spangler, P. E., *W.S.* 1925
2747 S. W. Roswell Ave.,
Portland, Oreg.

Spear, L. M., *E.M.* 1906
483 Beacon

SPEARE, G. S., *Bd. of Cons.* (*W.S.* 1927) 353 Commonwealth Ave.

SPECTOR, L. B., a. biochem. *M.*
M. G. H.

SPELLMAN, J. W., *Bd. of Cons.* (*Thd. S.* 1924 and *W.S.* 1926)
1101 Beacon, Brookline

Spence, H. M., *W.S.* 1932; r.s. *U.* 1934 4105 Live Oak,
Dallas, Tex.

Spencer, Jack, r.p. *R.* 1934
31 Deering, Portland, Maine

Spencer, John R., *E.M.* 1943
2280 Clermont, Denver, Colo.

SPENCER, KATHERINE, res. assoc. *Soc. Anthropol.* (*McL.*)
Boston Univ. Sch. of Social Work

Spencer, R. E., a.r.p. *An.* 1951
Moses H. Cone Memorial Hosp.,
Greensboro, N. C.

Sphire, R. D., a.r.p. *An.* 1955
Grace Hosp., 4160 John R.,
Detroit, Mich.

Spiers, H. W., *Or.* 1920
4405 W. 9th,
N. Hollywood, Calif.

SPIRO, D., a. path. M. G. H.

Splithoff, C. A., *Or.* 1942
3406 Webster, Oakland, Calif.

Sporer, Edita Sternova, *An.* 1942
459 Park Ave., Paterson, N. J.

Sprague, Elizabeth H., *C.M.* 1953
New York Hosp., New York, N. Y.

SPRAGUE, H. B., *Bd. of Cons.* (*E.M.* 1924) 1180 Beacon, Brookline

Squire, Lucy F., a.r.p. *R.* 1944
Gen. Hosp. of Syracuse,
Syracuse, N. Y.

Stall, B. G., III, *M.* 1947; r.p. 1949
Med. Dept., Brookhaven National Lab., Associated Universities, Inc.,
Upton, Long Island, N. Y.

STALVEY, H. D., a. attend. psychiat. (*McL.*) 1419 Beacon, Brookline

STANBURY, J. B., assoc. p. (*W.M.* 1941); c.r.p. 1948 M. G. H

STANTON, A. H., c. psychiat. (*McL.*); psychiat. McLean Hosp., Belmont

Staples, O. S., Jr., *Or.* 1938
Hitchcock Clinic, Hanover, N. H.

STARKE, R. D., a.r.p. (*M.* 1959)
M. G. H.

Starobin, O. E., *M.* 1955; a.r.p. 1956
M. G. H.

Starr, I., *W.M.* 1922
Sch. of Med., Univ. of Pennsylvania,
Philadelphia, Pa.

States, J. D., a.r.s. *Or.* 1955
35 Chestnut, Rochester, N. Y.

STAUFFER, RUTH E., a. *N.*; r.p. *N.* 1949 M. G. H.

Stearns, T., *E.S.* 1913 and *Or.* 1914
736 Haxtun Ave., Orange, N. J.

STEBBINS, H. D., clin. assoc. *M.* (*E.M.* 1933) 342 Essex, Salem

Steel, D., r.p. *R.* 1925
7911 Detroit Ave.,
Cleveland, Ohio

Steele, B. W., Jr., a.r.s. 1952
1307 S. Main, Tulsa, Okla.

Steenburg, D. B., *E.S.* 1915
McKee Bldg., Aurora, Nebr.

Steenburg, E. K., *E.S.* 1919
4200 Cathedral Ave., N.W.,
Washington, D. C.

Stempien, J. H., *Dn.* M. G. H.

STENGER, R. J., a. *Path.*; a.r.p. *Path.* 1958 M. G. H.

Stephens, W. A., *Or.* 1943
Pasteur Med. Bldg.,
St. Louis, Mo.

STEPHENSON, MARY L., a. biochem. *M.* M. G. H.

Stern, N. S., *E.M.* 1917
899 Madison Ave.,
Memphis, Tenn.

STERNBACH, R. A., a. psychol.
M. G. H.

STERNSTEIN, H. J., assoc. s. *Otolar.*
54 Winter, Norwood

Stetson, J. B., a.r.p. *An.* 1953
827 W. Locust, Johnson City, Tenn.
Stetson, R. P., *W.M.* 1928
203 Commonwealth Ave.
Stevens, Harold W., *C.M.* 1914 and *E.M.* 1916
105 William, New Bedford
Stevens, Horace P., *W.S.* 1907
985 Memorial Dr., Cambridge
Stewart, James M., *M.* 1946
344 West Ave., Rochester, N. Y.
Stewart, John D., *E.S.* 1930; r.s. *W.S.* 1933
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.
Stewart, John E., a.r.s. *Or.* 1947
Professional Bldg., Meriden, Conn.
Stewart, S. F., *Or.* 1921
1133 Punchbowl, Honolulu, Hawaii
Stewart, William C., *W.M.* 1934
1205 Quarrier, Charleston, W. Va.
Stewart, William G., Jr., *S.* M. G. H.
Stiefel, D. M., *Or.* 1923
1553 Woodward Ave., Detroit, Mich.
Stiff, D. W. S., r.p. *R.* 1950
Edward J. Meyer Memorial Hosp., Buffalo, N. Y.
STILES, CLAIRE M., a.r.p. *An.* M. G. H.
STILES, Q. R., a.r.s. (*S.* 1956) M. G. H.
Stinchfield, A. J., a.r.s. *Or.* 1949
Skowhegan, Maine
STOCKS, J. F., a.r.p. *C.M.* M. G. H.
Stoddard, J. K., *E.M.* 1917
1311 Delaware Ave., Wilmington, Del.
STOECKLE, J. D., a.p. (*M.* 1949); r.p. 1951 M. G. H.
Stokes, J., Jr., *W.M.* 1921
Children's Hosp., Philadelphia, Pa.
STOKES, J., III, a.p.; r.p. 1954 M. G. H.
Stolman, J. M., *Dn.* 1956
305 Summit Ave., Brighton
Stone, A. A., r.p. *Psychiat.* (*McL.*) 1958 McLean Hosp., Belmont
STONE, BARTLETT H., clin. assoc. *Obst.* 1101 Beacon, Brookline
Stone, Bernard B., r.s. *N.S.* 1955
65 Elm, Worcester
STONE, W., Jr., a.s. *Oph.*
1101 Beacon, Brookline
Stout, H. A., *Path.* 1938; r.p. *Path.* 1939
Mayo Clinic, Rochester, Minn.
Stout, K. L., r.p. *D.* 1935
4418 Vineland Ave., N. Hollywood, Calif.
Stovner, J., a.r.p. *An.* 1953
Fethlitzgt 1, Oslo, Norway
Straehley, C. J., Jr., *W.S.* 1947; a.r.s. 1953 1200 E. Genesee, Syracuse, N. Y.
Strauss, A. E., *E.M.* 1916
3720 Washington Ave., St. Louis, Mo.
STRAUSS, F., admin. a. M. G. H.
Strayer, L. M., Jr., *Or.* 1939
144 Golden Hill, Bridgeport, Conn.
STRICKLER, W. L., a.r.s. M. G. H.
STROLE, W. E., Jr., a.r.p. (*M.* 1959) M. G. H.
Strom, J. O., r.p. *N.P.* 1955
Univ. of Rochester Sch. of Med. and Dn., Rochester, N. Y.
Stunkard, A. J., *M.* 1946
Hosp. of Univ. of Pennsylvania, Philadelphia, Pa.
Sturdevant, C. L., *Or.* 1939
234 Marlborough
STURGIS, G. P., a.p.
1101 Beacon, Brookline
Sturgis, S. H., *E.S.* 1933
Peter Bent Brigham Hosp.
SUBY, H. I., assoc. v.u.; r.s. *P.H.* 1937 and *U.* 1939 262 Beacon
Sugiyama, T., j.r.s. 1944; r.s. *U.* 1946
2524 Belknap, N.E., Grand Rapids, Mich.
Sullivan, E. R., *E.M.* 1936 and *Path.* 1937; r.p. 1941
139 Adams, Milton
SULLIVAN, G. L., assoc. s. *Oph.*
101 Bay State Rd.
Summerall, C. P., III, *M.* 1956; a.r.p. 1957 University Health Service, Tulane Univ. of Louisiana, New Orleans, La.
Surls, J. K., *Or.* 1920 and *E.S.* 1922
130 East End Ave., New York, N. Y.
SURTEES, A. D., a. an. M. G. H.
Sussman, M. L., r.p. *R.* 1930
1130 E. McDowell Rd., Phoenix, Ariz.
SUTHERLAND, D. W., r.p. (*M.* 1958) M. G. H.
Sutherland, G. F., r.p. *Psychiat.* (*McL.*) 1941
Dept. of Mental Hygiene, 2218 N. Charles, Baltimore, Md.

Sutphin, A. K., *W.M.* 1943; a.r.p. 1946 1805 Monument Ave., Richmond, Va.
Sutter, L. A., *D.* 1913 104 W. Douglas Ave., Wichita, Kan.
Suyama, E., *S.* 1951; a.r.s. 1955 Eastern Memorial Hosp., Ellsworth, Maine
SVENSON, ESTELLE C., exec. a. *B.M.* (*S.N.* 1922) M. G. H.
Swaim, L. T., *W.S.* 1912 Rock Maple Farm, E. Pepperell
Swan, Channing S., *W.S.* 1925 20 Gloucester
Swan, Charles L., Jr., *W.S.* 1929 20 Gloucester
SWARTZ, J. H., *Bd. of Cons.* 483 Beacon
SWARTZ, MORRIS, a. *Otolar.* 124 Ocean, Lynn
SWARTZ, MORTON N., assoc. p. (*M.* 1948); c.r.p. 1953 M. G. H.
SWEEBE, E. C., a. *Oph.* Mass. E. & E. Inf.
Sweeny, D. N., Jr., *W.S.* 1941; r.s. 1943 Riverside Clinic, Detroit, Mich.
Sweet, C. D., *C.M.* 1913 2940 Summit, Oakland, Calif.
Sweet, E. B., a.r.s. *Or.* 1954 85 Jefferson, Hartford, Conn.
Sweet, P. L., *Dn.* 1949; a.r.s. *Dn.* 1950 45 Chambers
SWEET, RICHARD H., v.s. (*E.S.* 1928); r.s. *E.S.* 1930 87 Chestnut
Sweet, Robert B., a.r.p. *An.* 1950 Strong Memorial Hosp., Rochester, N. Y.
SWEET, W. H., v.n.s. (*N.S.* 1936); r.s. *N.S.* 1941 M. G. H.
Sweetnam, G. H., *Dn.* 1937 743 High, Dedham
Swineford, O., Jr., *W.M.* 1927 Univ. of Virginia Hosp., Charlottesville, Va.
SWINSON, MILDRED E., a. psychol. (*McL.*) McLean Hosp., Belmont
Sycamore, L. K., a.r.p. *R.* 1929 Hitchcock Clinic, Hanover, N. H.
SZABÓ, G., assoc. biol. *D.* M. G. H.
Tabor, Celia White, *M.* 1945 3130 Wisconsin Ave., N. W., Washington, D. C.
TAFT, E. B., assoc. path. M. G. H.
TAFT, PRISCILLA D., a. *Path.* M. G. H.
Talalay, P., *S.* 1949; a.r.s. 1950 Univ. of Chicago, Chicago, Ill.
Talbert, O. R., r.p. *N.* 1953 Med. Coll. of South Carolina, Charleston, S. C.
TALBOT, F. B., hon. p. (*E.M.* 1907) 24 Cottage Farm Rd., Brookline
TALBOT, N. B., p. *C.M.* M. G. H.
Talin, J. J., *Or.* 1943 39 2nd, Troy, N Y.
TALLAND, G. A., assoc. psychol. M. G. H.
Tallon, J. B., a.r.p. *R.* 1953; sr.r.s. *Or.* 1959 57 Roy, Kitchener, Ontario, Canada
Talmadge, S. McN., *W.S.* 1938; r.s. *P.H.* 1939 1010 Prince Ave., Athens, Ga.
T'an, Chung-Chang, *Or.* 1943 Children's Hosp., New York, N. Y.
TANDON, R., r.p. M. G. H.
TANNER, JAMES W., a.r.p. *R.* M. G. H.
Tanner, Joseph B., sr.r.s. *Or.* 1954 300 Homer Ave., Palo Alto, Calif.
Tannheimer, J. F., r.p. *Path.* 1945; a.r.p. 1948 525 Lafayette, Ionia, Mich.
Tatlock, H., *W.M.* 1940 264 Elm, Northampton
TAYLOR, G. W., *Bd. of Cons.* (*W.S.* 1924); r.s. *E.S.* and *W.S.* 1925 Taylor Med. Bldg., Weston
Taylor, I. M., *M.* 1946; c.r.p. 1951 Univ. of North Carolina Sch. of Med., Chapel Hill, N. C.
TAYLOR, JOHN B., a.dn.s. (*Dn.* 1957) 160 Longwood Ave.
Taylor, John H., *E.M.* 1917 37 Marlborough
Teel, C. E., *W.S.* 1925 1155 State, Bellingham, Wash.
TEFFT, R. C., Jr., *Bd. of Cons.* 266 Beacon
TEMBY, W. D., a. attend. psychiat. (*McL.*) McLean Hosp., Belmont
TENNEY, B., Jr., *Bd. of Cons.* (*W.S.* 1927) 203 Commonwealth Ave.
Tenney, Vivian A., a.r.s. *Gyn.* 1943 155 E. 49th, New York, N. Y.
Tetirick, J. E., *S.* 1952; a.r.s. 1956 3051 Northwest Blvd.; 131 S. Grant Ave., Columbus, Ohio
Thacher, H. C., *C.M.* 1942 11 Turner, Auburn, Maine
Thatcher, B. van H., *E.S.* 1945; a.r.s. 1950 18 Kraft Ave., Bronxville, N. Y.

Thaxter, L. T., *E.M.* 1916; a.r.p. *R.* 1928 Cumberland Foreside, Portland, Maine

THEOPOLD, P. H., *Trustee* 294 Washington

Theus, W. W., *Dn.* 1952 1019 Pickens, Columbia, S. C.

THOMA, K. H., hon. s. 1146 Beacon, Brookline

Thomas, Anne G. T., a.r.p. *Path.* 1956 Welch Sch. of Med., Cardiff, Wales

Thomas, H. M., Jr., *W.M.* 1917 314 Overhill, Baltimore, Md.

THOMAS, JACKSON M., a. *Psychiat.*; r.p. *Psychiat.* (*McL.*) 1933 319 Longwood Ave.

Thomas, John B., *M.* 1953; a.r.p. 1954 Boston City Hosp.

Thomas, R. L., *N.S.* 1933 and *E.S.* 1936 400 29th, Oakland, Calif.

Thomas, W. A., a.r.p. *Path.* 1951 Barnes Hosp., St. Louis, Mo.

Thompson, J. E., *E.S.* 1943; r.s. *N.S.* 1945; a.r.s. 1948 1008 N. Washington Ave., Dallas, Tex.

Thompson, M. S., *Or.* 1934; r.s. *Or.* 1935 Nix Professional Bldg., San Antonio, Tex.

Thompson, P. P., Jr., *W.M.* 1942; a.r.p. 1946 704 Congress, Portland, Maine

THOMPSON, RALPH D., clin. assoc. *Dn.* 64 Columbus, Newton Highlands

THOMPSON, RICHARD H., clin. assoc. *S.* (*E.S.* 1937); r.s. 1940 26 Chestnut, Salem

Thompson, S. B., a.r.s. *Or.* 1947 Kernan Hosp. for Crippled Children, Baltimore, Md.

Thompson, V. P., *Or.* 1925 1136 W. 6th, Los Angeles, Calif.

Thompson, W. Taliaferro, Jr., a.r.p. 1941 Med. Coll. of Virginia, Richmond, Va.

Thompson, Walter A., r.p. *Psychiat.* (*McL.*) 1931 Pinewood, Katonah, N. Y.

THORNDIKE, A., cons. *S.* (*W.S.* 1923) 15 Holyoke, Cambridge

Thornton, C. E., a.r.p. *Psychiat.* 1958 14 Main, Topsfield

Thorp, E. G., *E.M.* 1931 Malden Hosp., Malden

Thurlbeck, W. M., a.r.p. *Path.* 1958 M. G. H.

TIBBETTS, MARGARET C., dir. *S.N. and Nurs. Serv.* (*McL.*) McLean Hosp., Belmont

Tileston, W., *E.M.* 1900 Box CC, Carmel Valley, Calif.

TILLEY, R. F., a. d. 1180 Beacon, Brookline

TIMBERLAKE, W. H., assoc. n.; r.p. *N.* 1949 20 Gloucester

Timm, A. B., Jr., r.p. *D.* 1956 36 W. Main, Milford, Conn.

Tingey, W. H., Jr., *Dn.* 1959 115 E. 4600 South, Murray, Utah

TISDALE, W. A., a. *M.* (*M.* 1952); r.p. 1956 M. G. H.

Tobin, W. J., *Or.* 1939 1835 Eye, N.W., Washington, D.C.

TOCH, R., clin. assoc. *C.M.* 98 Adams, Milton

Todd, B. P., *W.M.* 1938 1 Monument Sq., Beverly

TODD, D. P., assoc. an.; r.p. *An.* 1947 M. G. H.

Toll, G. D., *S.* 1952; a.r.s. 1957; a.r.p. *Path.* 1959 M. G. H.

TOLL, KAREL van S., a. *N.* 197 Coolidge Hill Rd., Cambridge

TOLMAN, M. M., d. 636 Beacon

TOMCHIK, F. S., a.r.; r.p. *R.* 1955 M. G. H.

Tompkins, D. G., sr.r.s. *Or.* 1958 Gundersen Clinic, La Crosse, Wis.

Tompkins, J. B., r.p. *Psychiat.* (*McL.*) 1937 Valleyhead, Concord

Toppan, R. L., *S.S.* 1910 148 High, Newburyport

Toriello, J., r.p. *R.* 1955 4a Calle 6-35, Zone 1, Guatemala City, Guatemala

Tow, P. M., a.r.p. *Psychiat.* 1954 address unknown

Towery, B. T., r.p. 1946 Vanderbilt Univ., Nashville, Tenn.

TOWNSEND, J. H., *Bd. of Cons.* (*W.M.* 1923) Vet. Adm. Hosp., 150 S. Huntington Ave., Jamaica Plain

Tracy, R. J., *E.S.* 1943; a.r.s. 1949 153 South, Pittsfield

TRAKAS, J. C., a. *Otolar.* 1269 Beacon, Brookline

Trapp, C. E., r.p. *Psychiat.* (*McL.*) 1937 99 Bay State Rd.

Traver, C. A., *W.S.* 1927 28 Willett, Albany, N. Y.

Traver, R. F., *E.S.* 1930 Vet. Adm. Hosp., Bath, N. Y.

Trethowan, W. H., a.r.p. *Psychiat.* 1951 Univ. of Sydney, Sydney, New South Wales, Australia

Trevett, L. D., a.r.p. 1933; r.p. *N.* 1934 274 Commonwealth Ave.

TRIEGER, N., a. oral s. (*Dn.* 1955); a.r.s. *Dn.* 1956 328 Washington, Wellesley Hills; 29 Commonwealth Ave.

Tripp, C. C., *W.S.* 1923 97 Madison, New Bedford

TRISTAN, M. P., a. *C.M.* Boston City Hosp.

Troppoli, D. V., *N.* 1927 380 Broadway, Providence, R. I.

TROTTER, R. R., a.s. *Oph.* and a.c. *Oph.* Mass. E. & E. Inf.

Trowbridge, E. H., Jr., a.r.p. *N.* 1940 1440 Professional Bldg., Kansas City, Mo.

Troxler, E. R., *Or.* 1942 1000 N. Elm, Greensboro, N. C.

TRUMP, J. G., cons. *Physics* M. I. T., Cambridge

Tucci, J. H., *An.* 1944; r.p. *An.* 1945 Brockton Hosp., Brockton

Tucker, J. T., *Or.* 1930 116 E. Franklin, Richmond, Va.

Tucker, R. P., *W.S.* 1939; a.r.s. 1940 21 Lamboll, Charleston, S. C.

Tucker, W. I., r.p. *Psychiat.* 1944 605 Commonwealth Ave.

TUDOR, F., clin. assoc. *M.* 51 Randolph Ave., Milton

Turner, J. D., *M.* 1957; a.r.p. 1958 M. G. H.

Tuttle, E. P., Jr., *M.* 1952; a.r.p. 1953 Emory Univ. Med. Sch., Atlanta, Ga.

Twombly, G. H., *W.S.* 1932 842 Park Ave., New York, N. Y.

Tyson, R. G., a.r.p. *C.M.* 1950 Permanente Hosp., Vallejo, Calif.

ULFELDER, H., c. *Gyn.* (*E.S.* 1939); r.s. *E.S.* 1941 M. G. H.

Ulick, S. C., *C.M.* 1952 Memorial Hosp., New York, N. Y.

Ulmer, J. L., r.s. *N.S.* 1942 McGuire Vet. Adm. Hosp., Richmond, Va.

Urist, M. R., sr. r.s. *Or.* 1947 1019 Grayley Ave., Westwood Village, Los Angeles, Calif.

Urmy, T. V., *E.M.* 1928; r.p. *E.M.* 1930 Williams College, Williamstown

Urquhart, J., III, *S.* M. G. H.

URSCHEL, H. C., Jr., a.r.s. (*S.* 1956) M. G. H.

Uyeda, C. I., *C.M.* 1950; a.r.p. *C.M.* 1951 2425 Geary Blvd., San Francisco, Calif.

Vagelos, P. R., *M.* 1955; a.r.p. 1956 National Inst. of Health, Bethesda, Md.

van AMERONGEN, SUZANNE T., a. attend. psychiat. (*McL.*) 315 Dartmouth

Van Buskirk, D., *M.* 1958; a.r.p. 1959 Mass. Mental Health Center

Vance, L. A., *Path.* 1937; r.p. *R.* 1939 16 Atlantic, Lynn

Vance, R. G., r.p. *R.* 1924 262 Beacon

VANDERPOL, M., a. psychiat. (*McL.*) 14 Charlesgate West

Vanderveen, J. L., c.r.p. *An.* 1955 Mass. Memorial Hosp.

VAN DYKE, WILHELMINA, a.p. *C.M.* (*C.M.* 1942); r.p. *C.M.* 1943 16 Spafford Rd., Milton

Van Eerde, A., a.r.p. *An.* 1955 Paterson Gen. Hosp., Paterson, N. J.

VAN GORDER, G. W., hon. s. 262 Beacon

Van Nüys, F., *E.M.* 1907 338 Boston Post Rd., Weston

van Ravenswaay, A. C., *Path.* 1934 708 N. Country Club, Tucson, Ariz.

van Ravenswaay, T., a.r.p. *Path.* 1957 2009 Parkade Blvd., Columbia, Mo.

Varney, H. I., r.p. *Psychiat.* (*McL.*) 1938 1835 Eye, N.W., Washington, D.C.

Vaughan, R. H., *E.S.* 1944 29 Needham, Dedham

Vaughan, V. C., III, *C.M.* 1943 789 Howard Ave., New Haven, Conn.

Veazey, P. M., *C.M.* 1956; a.r.p. *C.M.* 1957 Babies' and Children's Hosp., Univ. Hosp., Cleveland, Ohio

Veldee, M. V., *E.M.* 1920 1855 Bay Laurel Dr., Menlo Park, Calif.

VERHOEFF, F. H., cons. c. *Oph.* 61 Monmouth, Brookline

Vesell, E. S., *C.M.* M. G. H.

Vial, A. B., *E.S.* 1943 2328 Fernwood, Ann Arbor, Mich.

VICKERY, A. L., Jr., assoc. path. M. G. H.

VICTOR, M., assoc. n. M. G. H.

VIETS, H. R., hon. p. Longwood Towers, Brookline

VILLEE, DOROTHY B., a. *C.M.* (*C.M.* 1956) 81 Cedar, Wellesley

VINCENT, B., hon. s. (*W.S.* 1903)
939 Boylston
Vitt, R. J., a.r.s. *Or.* 1951
793 N. Cherry Ave., Tulare, Calif.
Voke, E. L., j.r.p. *R.* 1931
256 W. Cedar, Akron, Ohio
Volwiler, W., *M.* 1944; r.p. 1945
Univ. of Washington Sch. of Med.,
Seattle, Wash.
von FELSINGER, J. M., psychol.
M. G. H.
von Meysenbug, L., *C.M.* 1917 and
W.M. 1918 123 New Haven Ave.,
Melbourne, Fla.
WADDELL, W. R., assoc. v.s. (*W.S.*
1944); r.s. 1951 M. G. H.
WADDINGTON, E. J., dn.s.
6 Haverhill, Andover
WAKSMAN, B. H., assoc. b. *N.*
M. G. H.
Waldman, J., a.r.s. *Or.* 1949
1893 Sheridan Rd., Highland Pk., Ill.
Waldmann, Katharine Spreng, *M.*
1955; r.p. 1957
307 B Dawson Ave.,
Rockville, Md.
Waldmann, T. A., *M.* 1956
National Inst. of Health,
Bethesda, Md.
Waldron, A. M., *E.M.* 1938; a.r.p.
1939
309 N. Ingalls, Ann Arbor, Mich.
Walke, J. T., a.r.p. *C.M.* 1948
230 Clover Ave., Roanoke, Va.
Walker, G. M., a.r.s. 1951
Burbank Hosp., Fitchburg
WALKER, J. K., dn.s. (*Dn.* 1954)
42 W. Brook, Manchester, N. H.
Walker, R. H., a.r.p. *Path.* 1951; a.r.s.
1953 Med. Arts Bldg.,
Calgary, Alberta, Canada
Wallace, E. P., a.r.p. *C.M.* 1948
78 Federal, Greenfield
Wallwork, D. W., *E.S.* 1932
5 3rd, N. Andover
Walser, M., *M.* 1949; a.r.p. 1950
Johns Hopkins Univ.
Sch. of Med., Baltimore, Md.
WALTER, M. M., Jr., a. psychiat.
(*McL.*); a.r.p. *Psychiat.* 1955; r.p.
Psychiat. (*McL.*) 1958
McLean Hosp., Belmont
Walton, R. W., *W.S.* 1926
101 Gates Ave., Montclair, N. J.
WALZER, SARITA G., a. *An.*
M. G. H.
Wang, Chiu-an, *W.S.* 1944; a.r.s.
1946
20 Des Voeux Rd., Central,
Hong Kong, China
WANG, CHIU-CHEN, assoc. r.; r.p.
R. 1952 M. G. H.
Wang, Shen Kuang, a.r.s. *Or.* 1957
624 Fairmont Ave., Fairmont, W. Va.
Wang, Yang, *M.* 1953; r.p. 1957
Univ. of Minnesota Hosp.,
Minneapolis, Minn.
Ward, A. J., *E.S.* 1929
39 Elm, Morristown, N. J.
Ward, J. L., *E.M.* 1935
600 Scranton Ave., Lake Bluff, Ill.
Waring, E. S., *E.M.* 1919
Fairfax, Va.
WARNER, F. A., a. *M.*
John Hancock Mut. Life Ins. Co.
Warner, J. H., *W.M.* 1937
21 Vernon Ave., S. Barre
Warren, Charles Fletcher, *W.S.* 1915
1 School, Amesbury
Warren, Charles Ford, *W.M.* 1933
200 Hicks, Brooklyn, N. Y.
WARREN, R., *Bd. of Cons.* (*W.S.*
1936) Peter Bent Brigham Hosp.
Warren, S. L., *W.M.* 1924
Med. Sch. of Univ. of
California South, Los Angeles, Calif.
WASHBURN, S. L., a. psychiat.
(*McL.*); a.r.p. *Psychiat.* 1956; r.p.
Psychiat. (*McL.*) 1957
McLean Hosp., Belmont
Waterman, G. A., *W.M.* 1901
250 Beacon
WATKINS, A. L., c. *Phys. M.* and
a.p.; a.r.p. *N.* 1938 M. G. H.
Watson, James W., *M.* 1944
Bond Hotel, Hartford, Conn.
Watson, John L., r.s. *U.* 1930
4010 N.W. 7th Ave., Miami, Fla.
Watson, Richard G., *C.M.* 1923
1624 Franklin, Oakland, Calif.
WATSON, RICHARD H., assoc. p.
C.M. (*C.M.* 1952); a.r.p. *C.M.* 1953
36 Sherwood Rd., Marblehead
Watson, Robert F., *W.M.* 1936
New York Hosp., New York, N. Y.
Watts, A. B., *E.S.* 1943
2530 Cornwall Ave.,
Bellingham, Wash.
Watts, J. W., II, *N.* 1928 and *N.S.*
1929 4661 Garfield, N. W.,
Washington, D. C.
Waud, Barbara E., a.r.p. *An.* 1959
M. G. H.
Weber, A. L., r.p. *R.* 1959 M. G. H.

WEBSTER, E. W., physicist *R.*
M. G. H.
WEBSTER, H. de F., a. n.; r.p. *N.* 1956 M. G. H.
Webster, R. C., *E.S.* 1943; j.r.s. 1944
1101 Beacon, Brookline
Wedrow, E. M., r.p. *Psychiat.* 1953
205 Beacon
WEGNER, K. H., a.r.p. *Path.* (*Path.* 1960) M. G. H.
Weigel, E. W., *Or.* 1928
970 Park Ave., Elizabeth, N. J.
Weiler, H. G., *Or.* 1932; r.s. *Or.* 1932
411 Central Union Bldg.,
Wheeling, W. Va.
WEILLE, F. L., s. *Otolar.*
247 Commonwealth Ave.
Weinberg, A. N., *M.* 1957; a.r.p. 1958 National Inst. of Health,
Bethesda, Md.
WEINBERGER, J. L., assoc. psychiat.
51 Brattle, Cambridge
WEINSTEIN, L., assoc.p. *C.M.*
New Eng. Med. Center
Weir, D. R., r.p. *Path.* 1938
2186 Middlefield Rd.,
Cleveland Heights, Ohio
WEISBERGER, D., c. *Dn.* and oral s.
188 Longwood Ave.
WEISER, A., a. *Otolar.*
390 Pine, Fall River
WEISMAN, A. D., assoc. psychiat.; r.p. *Psychiat.* 1945
80 Woodbine Rd., Belmont
WEISS, ELIZABETH S., cons. for Community Relations M. G. H.
Weiss, L. L., a.r.p. *An.* 1956
811 W. 63rd, Indianapolis, Ind.
WELCH, C. E., v.s. (*E.S.* 1934); r.s. *E.S.* 1937 M. G. H.
WELD, G. S., *Secretary* and *Asst. Treasurer of the Corporation*
45 Milk
Welles, E. S., *E.S.* 1921
20 Church, Saranac Lake, N. Y.
WELLS, L. D., clin. assoc. *Psychiat.*
82 Marlborough
Wenig, M., *Dn.* 1945
253-02 Northern Blvd., Little Neck, Long Island, N. Y.
WERMER, H., attend. psychiat. (*McL.*)
McLean Hosp., Belmont
Wescott, H. H., *Or.* 1924
818 S. Jefferson, Roanoke, Va.
WESSELHOEFT, C., cons. *M.*
315 Marlborough
WEST, F. J., a.s. *Oph.*
1101 Beacon, Brookline
West, W. W., *S.* 1948; a.r.s. 1954
242 N. Sutter, Stockton, Calif.
WEYLMAN, W. T., r.p. *R.* M. G. H.
Wheeler, B. C., *E.S.* 1926
27 Elm, Worcester
WHEELER, C. GENE, a.r.s. (*S.* 1956) M. G. H.
Wheeler, Charles A., *N.S.* 1935 and *W.S.* 1938 69 West, Leominster
WHEELER, E. O., assoc. p. M. G. H.
Wheeler, J. T., *M.* 1956
U.S. Naval Hosp., Chelsea
Wheeler, R. R., *W.M.* 1922
5 Bay State Rd.
Wheeler, W. E., *C.M.* 1934
1478 Berkshire Rd.,
Columbus, Ohio
WHEELOCK, F. C., Jr., a. s. (*E.S.* 1943); a.r.s. 1949
1180 Beacon, Brookline
WHISKIN, F. E., a. attend. psychiat. (*McL.*); r.p. *Psychiat.* (*McL.*) 1952; r.p. *Psychiat.* 1954
270 Commonwealth Ave.
WHITE, C. J., hon. p.
259 Marlborough
WHITE, E. M., a. dir. M. G. H.
WHITE, J. C., c. *N.S.* (*W.S.* 1925); r.s. *W.S.* 1927 M. G. H.
White, L. P., *M.* 1950; a.r.p. 1951
32 6th Ave., San Francisco, Calif.
WHITE, P. D., hon. p.; cons. cardiol. (*McL.*) (*C.M.* 1911 and *W.M.* 1913); h.p. *W.M.* 1920
264 Beacon
Whitelaw, G. P., *W.S.* 1937
Boston Univ.-Mass. Memorial Hosp. Med. Center
WHITFIELD, T. J., III, a.p. *C.M.* (*C.M.* 1954); c.r.p. *C.M.* 1957
Concord Med. Center, Concord
Whitford, W., *Or.* 1931
22 Roosevelt Ave.,
Poughkeepsie, N. Y.
WHITING, R. G., a.p.
226 Marlborough
Whittemore, J. P., *C.M.* 1946; a.r.p. *C.M.* 1947
Bellevue Hosp., New York, N. Y.
Whittemore, W. S., *S.S.* 1910
3 Concord Ave., Cambridge
WIEDMAN, M., a. *Oph.*
9 Central, Lowell
Wies, D., r.p. *Psychiat.* (*McL.*) 1938
8702 Lock Bend Dr., Towson, Md.
Wigglesworth, W. C., *E.S.* 1945
78 County Rd., Ipswich

Wilcox, J. C., *C.M.* 1937
1290 N. Garey Ave., Pomona, Calif.
Wilcox, R. E., *S.* 1949; a.r.s. 1955
Beckley Memorial Hosp.,
Beckley, W. Va.
WILKER, S. R., a. *Otolar.*
285 Commonwealth Ave.
WILKINS, E. W., Jr., a.s. (*W.S.* 1945); a.r.s. 1951 M. G. H.
Willetts, A. T., a.r.s. *U.* 1942
79 Union Pl., Summit, N. J.
WILLIAMS, A. H., a. *Otolar.*
109 Prichard, Fitchburg
Williams, Charles A., *E.S.* 1920
Winchester, N. H.
WILLIAMS, CONGER, assoc. p. (*W.M.* 1940) M. G. H.
Williams, D. W., *W.S.* 1943; r.s. *Or.* 1946; r.s. *U.* 1948
33 Mulberry, Springfield
WILLIAMS, G. M., a.r.s. (*S.* 1958) M. G. H.
WILLIAMS, H. E., a.r.p. (*M.* 1959) M. G. H.
Williams, O. B., Jr., a.r.p. *An.* 1955
Parkland Memorial Hosp.,
Dallas, Tex.
WILLIAMS, R. C., Jr., c.r.p. (*M.* 1955) M. G. H.
WILLIAMS, V. P., a. psychiat. (*E.S.* 1931) 330 Dartmouth
Williamson-Lefort, L., *W.M.* 1942
address unknown
WILLS, A. A., Jr., clin. assoc. *M.*
10 P. O. Sq.
Wilson, E. H., Jr., *S.* 1948; a.r.s. 1950 New York Hosp.,
New York, N. Y.
Wilson, John C., *Or.* 1917
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John C., Jr., *W.S.* 1945; a.r.s. *Or.* 1950
2010 Wilshire Blvd., Los Angeles, Calif.
Wilson, John L., *E.S.* 1940; r.s. 1948
Veterans Hosp.,
San Francisco, Calif.
WILSON, P. D., hon. s. (*E.S.* 1914)
14 E. 90th, New York, N. Y.
Wilson, P. D., Jr., *E.S.* 1945; j.r.s. *E.S.* 1946
535 E. 70th, New York, N. Y.
WILSON, R. F., clin. assoc. *C.M.*
113 Locust, Dover, N. H.
WILSON, W. E., a.r.s. *Or.* M. G. H.
Wimberger, H. C., r.p. *Psychiat.* (*McL.*) 1959 M. G. H.
WINKLER, G. F., r.p. *N.* M. G. H.
Winkler, J. J., a.r.p. *R.* 1928
Professional Bldg.,
Kansas City, Mo.
Winn, W. A., *E.M.* 1934
Springville Hosp.,
Springville, Calif.
Winsor, A. P., *W.M.* 1919 and *W.S.* 1921 1101 Beacon, Brookline
Wishard, W. N., Jr., *E.S.* 1927
1711 N. Capitol Ave.,
Indianapolis, Ind.
Wohl, H., a.r.p. 1959
Columbia-Presbyterian Med. Center,
New York, N. Y.
Wohl, R. H., *S.* M. G. H.
Wolff, C. T., *M.* 1958
Mass. Mental Health Center
Wolff, J., *M.* 1954
25 Bay Wood Ave.,
San Anselmo, Calif.
Wolff, L., *W.M.* 1924
270 Commonwealth Ave.
WOLTERBEEK, J. C., r.p. *Psychiat.* (*McL.*) McLean Hosp., Belmont
WONG, JOYCE K., *O.P.D.* r.p. *C.M.* M. G. H.
Woo, Shutai Tinwong, *W.M.* 1920
Peiping Union Med. College,
Peiping, China
Wood, B. S., *E.S.* 1933 Nantucket
Wood, E. C., *M.* 1951
Vet. Adm. Hosp., W. Haven, Conn.
Wood, H. P., *M.* 1948
Pennsylvania Inst.,
111 N. 49th, Philadelphia, Pa.
Wood, J. Edwin, Jr., *W.M.* 1923; r.p. *E.M.* 1923 Sch. of Med.,
Univ. of Virginia,
Charlottesville, Va.
Wood, James A., *C.M.* 1915
214 Vineville Ave., Macon, Ga.
Wood, W. E., *Dn.* 1940
1832 Connecticut Ave., N. W.,
Washington, D. C.
Woodbury, H. W., *Dn.* 1948
317 S. 3rd, Las Vegas, Nev.
WOODRUFF, L. M., a. u. (*E.S.* 1939); r.s. *U.* 1947
1101 Beacon, Brookline
Worth, T. C., *W.M.* 1938
1835 Eye, N.W., Washington, D. C.
WOSNITZER, M., a.r.s. *U.* M. G. H.
WRIGHT, R. L., a.r.s. *N.S.* M. G. H.
WYMAN, E. T., Jr., sr.r.s. *Or.* M. G. H.
WYMAN, R. R., a.dn.s.
53 Bay State Rd.

WYMAN, S. M., r.; j.r.p. *R.* 1942
575 Mount Auburn, Cambridge; M. G. H.
Wyngaarden, J. B., *M.* 1949; r.p. 1951
Duke Univ. Med. Center, Durham, N. C.
Wynne, L. C., r.p. *Psychiat.* 1951
National Inst. of Health, Bethesda, Md.
Wysham, D. N., *M.* 1954; a.r.p. 1957
New York Hosp., New York, N. Y.
Yaffee, H. S., a.r.p. *D.* 1953
60 Brattle, Cambridge
Yanagisawa, K., *Or.* 1944
216 E. 50th, New York, N. Y.
Yankauer, A., *C.M.* 1941
84 Holland Ave., Albany, N. Y.
YATSUHASHI, M., clin. assoc. *S.* (*W.S.* 1945); a.r.s. 1946
Pondville Hosp., Walpole
Yee, L. P. K., *E.M.* 1939 and *W.S.* 1941; a.r.s. 1946
1641 Nuuanu Ave., Honolulu, Hawaii
Yens, O. C., *C.M.* 1930 and *W.M.* 1932 Mass. Hosp. Sch., Canton
Youmans, J. B., *E.M.* 1921
U.S. Army Med. Res. and Develop. Command, Dept. of the Army, Main Navy Bldg., Washington, D.C.
Young, C., *E.S.* 1923
1848 Wilson Ave., Salt Lake City, Utah
Young, D. A., *E.M.* 1933; r.p. *Psychiat.* 1936; r.p. *Psychiat.* (*McL.*) 1937
Box 70, Raleigh, N. C.
YOUNG, E. L., hon. s. (*W.S.* 1910)
1180 Beacon, Brookline
Young, J. G., *C.M.* 1926
4005 St. Andrews Dr., Dallas, Tex.
Young, R. A., r.p. *Psychiat.* (*McL.*) 1934
21 Washington Ave., Cambridge
Yurchak, P. M., *M.* 1958; a.r.p. 1959
in military service
Zacarian, S. A., r.p. *D.* 1955
130 Maple, Springfield
ZACHARIAS, LEONA, biol. *Oph.*
Mass. E. & E. Inf.
Zacks, S. I., *Path.* 1956; a.r.p. 1958
DeWitt Army Hosp., Fort Belvoir, Va.
ZAMBON, ENES, exec. a. (*S.N.* 1929) M. G. H.
Zamcheck, N., *Path.* 1943
Boston City Hosp.
ZAMECNIK, P. C. M., p. M. G. H.
Zaoussis, A. L., a.r.s. *Or.* 1954
Children's Med. Center
ZARSKY, E. L., a. attend. psychiat. (*McL.*) 422 Beacon
Zartman, H. F., *C.M.* 1954
Boston City Hosp.
ZAUDY, ELEONORE C., assoc. p. *C.M.* 1247 Beacon, Brookline
ZELLER, J. W., clin. assoc. *M.* (*W.M.* 1935); r.p. 1938
1180 Beacon, Brookline
ZERVAS, N. T., a.r.s. *N.S.*
M. G. H.
ZETZEL, ELIZABETH R., psychiat.; psychiat. (*McL.*) 14 Hubbard Pk., Cambridge
Zieper, I., a.r.p. *N.* 1958 M. G. H.
ZINBERG, N. E., assoc. attend. psychiat. (*McL.*) Beth Israel Hosp.
ZISKIND, A., clin. assoc. *C.M.*
M. G. H.
Zmyslowski, W. P., a.r.p. *An.* 1959
28 Marion Ave., Worcester
ZONDERMAN, B., assoc. s. *Otolar.*
314 Commonwealth Ave.
ZOVICKIAN, A., a.s. *Otolar.*
270 Commonwealth Ave.
Zuelzer, W. W., *C.M.* 1937
Children's Hosp., Detroit, Mich.
Zuidema, G. D., *S.* 1954; r.s. 1959
University Hosp., Ann Arbor, Mich.
Zukowski, H. J., a.r.p. *An.* 1948
Harper Hosp., Detroit, Mich.

Directory of Hospital Staff, Alumni, and past Residents, by States and Cities

ALABAMA

Birmingham
Edwards, W. S.
Hall, H. D.
Kennedy, B. H.
Leach, C. A., Jr.
Lyons, C.
Perley, A. I.
Pittman, J. A., Jr.
Richardson, W. R.
Shannon, P. W.

ARIZONA

Fort Defiance
Organick, A. B.

Kingman
Findlay, F. M.

Phoenix
Bendheim, O. L.
Sussman, M. L.

Tucson
Omer, J. A.
van Ravenswaay, A. C.

Willcox
Havemeyer, W. F.

ARKANSAS

Little Rock
Diner, W. C.

CALIFORNIA

Berkeley
Bennett, C. B.
Cheney, M. C.
Constable, J. D.
Perkins, W. A.
Richards, D. N., Jr.

Beverly Hills
Berkley, H. K.
Miller, M. L.
Putnam, T. J.

Carmel Valley
Tileston, W.

Fresno
Blade, W. R.

Fullerton
Gibson, G. C.

Glendale
Cannon, J. A.

Hawthorne
Rothfeld, L. J.

Hollywood
Snyder, W. H., Jr.

Korbel
Kerr, W. J.

La Jolla
Kennedy, J. H.

Long Beach
Ellery, S. W.
Meister, L.

Los Angeles
Ayres, S., Jr.
Billig, H. E., Jr.
Boyes, J. H.
Byrnes, R. L.
Chaffin, G. L.
Cozen, L.
Craddock, C. G., Jr.
Goettsch, E.
Ilfeld, F. W.
Lawrence, J. S.
McKeever, F. M.
Mathews, S. S.
Miller, R. B.
Mills, L., Jr.
Moyer, D. LaR.
Mudd, S. G.
Pearson, C. M.
Rose, A. S.
Scholl, A. J.
Schuler, J. D.
Sheldon, D. B.
Solomon, J.
Thompson, V. P.
Urist, M. R.
Warren, S. L.
Wilson, J. C.
Wilson, J. C., Jr.

Menlo Park
Veldee, M. V.

North Hollywood
Snyder, M. H.
Spiers, H. W.
Stout, K. L.

Oakland
Dunn, F.-C.
Ewer, E. G.
Graeser, J. B.
Larkey, J.
Leeper, R. W.
Liu, C. T.
Moorman, H. D.
Nesche, G. E.
Orski, B. M.
Richards, D. N.
Schoen, E. J.
Splithoff, C. A.
Sweet, C. D.
Thomas, R. L.
Watson, R. G.

Palo Alto
Hawkins, R.
Josse, J. W.
Tanner, J. B.

Pasadena
Allen, D. W.
Cosby, R. S.
Dewey, E. B.
Gentry, R. W.
MacLaren, W. R.

Piedmont
Coggins, C. H.
Francis, L.
Newell, J. W.

Pomona
Wilcox, J. C.

Redlands
Dole, K. L.

Redwood City
Soholt, S. T.

Sacramento
Horn, C. E.

San Anselmo
Wolff, J.

San Bruno
Quinn, T. J., Jr.

San Diego
Foley, T. M.
Garrity, R. W.
Peabody, H. D., Jr.

San Francisco
Abbott, L. C.
Alston, E. F.
Barnett, C. G.
Bengle, A. L., Jr.
Bost, F. C.
Bull, E. C.
Cline, J. W., Jr.
Cohn, R. B.
Dillon, V. M.
Dresel, R. L.
Finley, K. H.
Freeman, N. E.
Hand, D. W.
Harral, P.
Harrison, M. B.
Hartwig, A. R.
Haswell, H. P.
Jackanich, R. F.
Jergesen, F. H.
Levy, S. W.
Mellinger, G. W.
Merrill, B. R.
Moffitt, H. C., Jr.
Montgomery, O. F.
Nelson, C.
Noble, C. A., Jr.
Pillsbury, P. L.
Reilly, W. A.
Robinson, J. M.
Roe, B. B.
Rosenman, L. D.
Rowe, J. C.
Sampson, J. J.
Shaw, E. B.
Smith, C. E.
Uyeda, C. I.
White, L. P.
Wilson, J. L.

San Jose
Ahnlund, N. W.
McCort, J. J.

San Mateo
Campbell, C. R.
Hills, O. W.
Key, W. A.
Morrison, G. M.
Prindle, K. H.
Ratcliffe, J. W.

Santa Barbara
Atsatt, R. F.
Clark, G. O.
Luikart, R. H., Jr.
McGovney, R. B.

Santa Cruz
Fowler, C. B.

Springville
Winn, W. A.

Stanford
Robertson, O. H.

Stockton
Barth, T. A.
West, W. W.

Tulare
Vitt, R. J.

Vallejo
Mead, S.
Tyson, R. G.

Ventura
James, W. J.

West Los Angeles
Mason, E. D.

COLORADO

Denver
Brown, R. K.
Campbell, J. L.
Cunningham, T. D.
Eiseman, B.
Elrick, H. E.
Franz, E. M.
Higbee, D. R.

Hughes, H. C.
Jobe, M. C.
Leidholt, J. D.
Lingenfelter, G. P.
McFarland, R. B.
MacMillan, H. A., Jr.
Makel, H. P.
Matchett, F. L.
Meader, C. N.
Middlebrook, G.
Mitchel, D. H.
Packard, G. B.
Parker, G. D.
Peterson, E. W.
Spencer, J. R.

Greeley
Russell, H. N., Jr.

CONNECTICUT

Bridgeport
Strayer, L. M., Jr.

Danbury
Fornshell, R. P.
Ketchum, W. F.

Darien
Mulford, E. H., II

Fairfield
Harris, H. P., Jr.

Hartford
Bloomberg, W.
Donovan, J. F.
Fairlie, C. W., Jr.
Greene, G. S.
Griggs, J. B.
Hepburn, R. H.
Johnson, P. R.
Jones, F. S.
Lampson, R. S.
Locke, H. L. F.
Lowell, W. H., Jr.
McPherson, S. R.
Mancall, I. T.
Ogden, R. T.
Pike, M. M.
Seigle, S. P.
Sweet, E. B.
Watson, J. W.

Manchester
Boyd, H.
Breer, R. D.

Meriden
Aldwin, F. J.
Stewart, J. E.

Milford
Timm, A. B., Jr.

New Britain
Borden, R. P.
Bosco, H. F.

New Canaan
Hiden, R. B.

New Haven
Aprahamian, H. A.
Blodgett, F. M.
Colwell, H. S.
Ewell, J. W.
Fuldner, R. V.
Glenn, W. W. L.
Goulian, M.
Harrison, E. R.
Hathaway, J. S.
Johnson, F. G.
Meigs, J. W.
Morris, J. McL.
O'Connor, D. S.
Rogers, O. F.
Seabury, R. B.
Smith, H. W.
Vaughan, V. C., III

New London
Jones, W. N.

Norwalk
Gens, J. P.

Norwich
Kettle, R. H.

Sharon
Gevalt, F. C., Jr.

Trumbull
Flagg, J. A.

Waterbury
Cole, C. H.
Harty, J. E.

West Hartford
Egloff, F. R. L.

West Haven
Gordon, P. S.
Wood, E. C.

Willimantic
Ottenheimer, E. J.

DELAWARE

Wilmington
Maroney, J. W.
Stoddard, J. K.

DIST. OF COLUMBIA

Washington
Brendler, S.
Brent, R. L.
Brown, N. K.
Clapp, S.
Cohn, Z. A.
Davis, B. M.
Edsall, G.
Fu, W. S.
Hodges, T. W.
Koppel, E. A.
Lichtenwalner, C. S.
Lindsay, M. K.
McCann, S. M.
McCune, W. S.
Miller, R. B.
Ormandy, L.
Ruffin, M. deG.
Sabin, H. S.
Saunders, G. M.
Steenburg, E. K.
Tabor, C. W.
Tobin, W. J.
Varney, H. I.
Watts, J. W., II
Wood, W E.
Worth, T. C.
Youmans, J. B.

FLORIDA

Coral Gables
Keiser, R. P.

Delray Beach
Howard, H. H.

Fort Lauderdale
Pierce, F. D.

Gainesville
Brewster, W. R., Jr.
Reeves, J. D.

Jacksonville
Davis, J. M.
Fort, F. L.

Lake City
Shedden, W. M.

Lakeland
Fuller, H.

Lantana
Brock, B. L.

Largo
Emmons, A. B., II

Melbourne
von Meysenbug, L.

Miami
Ehrenkranz, N. J.
Rosenberg, E. W.
Watson, J. L.

Miami Beach
Capland, L.

Orlando
Broome, R. A., Jr.

Palm Beach
Smith, H. L.

Penny Farms
Harrison, T. S.

Pensacola
De Busk, F. L.
Graybiel, A.
Holmes, S. G.

Sarasota
Clement, S. P., Jr.

Winter Haven
Sherman, W. E.

GEORGIA

Athens
Talmadge, S, McN.

Atlanta
Calhoun, F. P., Jr.
Claiborne, T. S.
Cobbs, B. W., Jr.
Ferguson, I. A., Jr.
Goldsmith, L. H.
Tuttle, E. P., Jr.

Augusta
Currie, R. A.
Slaughter, R. F.

Decatur
Bartlett, W. M.

Gainesville
Banks, R., Jr.

Macon
Wood, J. A.

Marietta
Mathis, W. H., Jr.

Savannah
Brown, F. B.
Sams, B. J., Jr.

HAWAII

Honolulu
Dodge, R. S.
Schnack, A. G. C.
Stewart, S. F.
Yee, L. P. K.

ILLINOIS

Champaign
Everett, H. C., III

Chicago
Bliss, H. A.
Capps, R. B.
Meyer, H. I.
Paul, O.
Perkins, J. F., Jr.
Shorey, W. D.
Talalay, P.

Glencoe
Anderson, E. G.

Great Lakes
Legge, R. F.

Highland Park
Waldman, J.
Hinsdale
Hall, B.
Jacksonville
Norbury, F. B.
Lake Bluff
Ward, J. L.
Lemont
Brues, A. M.
Springfield
Rauh, A. E.
Winnetka
Brown, R. G.
Capps, J. A.

INDIANA

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Hyatt, G. T.
Gary
Nilges, R. G.
Hammond
Peiffer, G. M.
Indianapolis
Dalton, J. E.
Weiss, L. L.
Wishard, W. N., Jr.

IOWA

Des Moines
Gordon, A. M.
Iowa City
Croll, D
Dulin, J. W.
Larson, C. B.
Oskaloosa
Catterson, L. F.
Waterloo
Bickley, D. W.
Johnston, E. V.

KANSAS

Marion
McCandless, O. C.
North Topeka
Kinney, R. J.
Salvia
Roth, J. d'A.
Wichita
Knapp, M. R.
Sutter, L. A.

KENTUCKY

Harlan
Arrowood, J. G.
Schueler, H. K.
Lexington
Barss, T. P.
Massie, W. K., Jr.
Scott, T.
Smith, M. L.
Louisville
Anderson, H. C.
Atherton, L. D.
Bate, J. T.
Harter, J. S.
Jackson, B. B.
Owensboro
Dodson, L. C.

LOUISIANA

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Hansen, R. H.
Madey, S. L.
New Orleans
Golden, L. A.
Morris, H. D.
Schneider, B.
Summerall, C. P., III
Shreveport
Ledbetter, B. A.
Reed, C. R., Jr.

MAINE

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Thacher, H. C.
Bangor
Clement, J. D., Jr.
Brunswick
Macomber, D.
Caribou
Collins, H. D.
Ellsworth
Suyama, E.
Falmouth
Sowles, H. K.
Friendship
Frost, H. M.
Northeast Harbor
Fitch, R. R.
Portland
Bidwell, R. LeR., II
Burrage, W. C.
Drake, E. H.
Hawkes, R. S.
Hiebert, C. A.
Holt, C. L.
Johnson, O. R.
McDermott, L. J.
Robinson, C. M.
Spencer, J.
Thaxter, L. T.
Thompson, P. P., Jr.
Rockland
Heath, P., Jr.
Skowhegan
Stinchfield, A. J.
Waterville
Risley, E. H.

MARYLAND

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Kimura, K. K.
Baltimore
Bennett, L. F.
Bridge, E. M.
Fritz, W. F.
Gay, L. N.
Greenhill, M. H.
Harting, D.
Hopkins, C. E.
Howard, J. E.
Kiely, B.
McIntyre, P. A.
Meath, J. A.
Phelps, W. M.
Sutherland, G. F.
Thomas, H. M., Jr.
Thompson, S. B.
Walser, M.
Bethesda
Aster, R. H.
Binion, J. T.
Brown, C. S.
David, J. R.
Field, J. B.
Firminger, H. I.
Goldberg, L. I.
Haber, E.
Holtz, A. I.
Hunt, S. P.
Kaufman, H. E.
Laster, L.
McAlpine, F. S.
McKhann, C. F., III
Martin, D. B.
Mudd, S. H.
O'Brien, W. M.
Potts, J. T.
Rose, J. A.
Sarnoff, S. J.
Ship, I. I.
Singleton, J. W.
Vagelos, P. R.
Waldmann, T. A.
Weinberg, A. N.
Wynne, L. C.
Rockville
Waldmann, K. S.
Takoma Park
Blunden-Morris, D. E.
Towson
Wies, D.

MASSACHUSETTS

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Amherst
Radcliffe, E. J.
Andover
Holihan, J. P.
O'Shea, J. A.
Waddington, E. J.
Arlington
Benda, C. E.
Burbank, C. B.
Carroll, W. J. E.
Cronin, T. P.
McKeigue, J. E.
Olive, G. M., Jr.
Saunders, G. A.
Attleboro
Bixby, H. I.
Hill, L. W.
Auburndale
Le Vine, H. O.
Belmont
Ackman, P.
Bell, N. W.
Bower, W. H.
Cain, A. J.
Calkins, V. B.
Caudill, W.
Christ, J.
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Coser, R. L.
Daniels, E. M.
Dawson, C. B.
Dwyer, J. H.
Eldred, S. H.
Folch-Pi, J.
Gauthier, J.
Hallenbeck, D. F., Jr.
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Hess, H. H.
Howard, P. M.
Kahne, M. J.
Kaufman, M. R.
Kershaw, B. R.
LeBaron, F. N.
Lees, M. B.
Magraw, C. E.
Melbin, M.
Melemed, B. B.
Parsons, A.
Pierce, I. R.
Pope, A.

Prekup, J. T.
Rapoport, R. N.
Sack, T.
Schnitzer, R. D.
Segal, B. E.
Semrad, E. V.
Silverman, S.
Soskin, W. F.
Stanton, A. H.
Stone, A. A.
Swinson, M. E.
Temby, W. D.
Walter, M. M., Jr.
Washburn, S. L.
Weisman, A. D.
Wermer, H.

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MacDonald, A. S., Jr.
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Scott, D. H.
Todd, B. P.

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Abbott, J. A.
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Adams, H. D.
Adams, J., Jr.
Adams, R. D.
Agard, E. T.
Albright, F.
Allen, H. F.
Alpert, D. R.
Altschule, M. D.
Ames, A., III
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Arnason, B. G. W.
Aronow, S
Aronson, J. A.
Arthur, R. J.
Atkins, L.
Aub, J. C.
Aufranc, O. E.
Austin, R. C.
Ayer, J. B.
Badger, T. L.
Bakay, L.
Baker, D. V., Jr.
Baker, M. P.
Baker, W. H.
Balazs, E. A.
Balboni, G. M.
Balboni, V. G.
Ballantine, H. T., Jr.
Bally, P. R.
Bandler, B.
Banker, B. Q.
Banks, H. H.
Barlow, J. S.
Barnes, B. A.
Barr, J. S.
Barry, H., Jr.
Bartlett, M. K.
Bauer, W.
Beaman, G. B.
Beck, W. S.
Beecher, H. K.
Beetham, W. P.
Behringer, G. E.
Bell, E.
Bellinger, M. J.
Bendixen, H. H.
Benedict, E. B.
Benedict, P. H.
Berenberg, W.
Bernstein, N. R.
Bertles, J. F.
Bigelow, F. S.
Binger, C. A. L.
Bird, K. T.
Bland, E. F.
Blane, H. T.
Blank, I. H.
Bonner, F. J.
Boruchoff, S. A.
Bratt, H. A.
Braudo, J. L.
Brazier, M. A. B.
Brendze, R. B.
Brockhurst, R. J.
Broderick, T. F., Jr.
Brown, T.
Brownell, G. L.
Brownsberger, C. N.
Bucher, N. L. R.
Bunker, J. P.
Burbank, C. B.
Burke, J. F.
Burnett, F. L.
Burrage, W. S.
Burwell, C. S.
Bush, R. D.
Butler, A. M.
Byers, R. K.
Calkins, E.
Calnan, A. F.
Caner, G. C.
Cannon, B.
Caplan, G.
Carnes, H. A.
Carney, H. J.
Carter, G. H.
Casten, V. G.
Castle, W. B.
Castleman, B.
Catinella, P. J.
Caulfield, J. B.
Cavanaugh, T.
Cave, E. F.
Chafetz, M. E.
Chapman, E. M.
Chisholm, J. F., Jr.
Christman, G.
Churchill, E. D.
Chute, R.
Clark, D. A.
Clarke, B. G.
Clay, C. L.
Clifford, S. H.
Cline, H. S.
Clough, J. M.
Cobb, S.
Cochran, W. D.
Cogan, D. G.
Cohen, A. S.
Cohen, J.
Cohen, M. E.
Cohen, R. B.
Colby, F. H.
Cole, E. M.
Coles, M. R.
Collins, G. H.
Cook, C. D.
Coons, A. H.
Cope, O.
Cotter, W. C.
Covitz, E. E.
Crawford, J. D.
Crone, N. L.
Cronkhite, L. W., Jr.
Culver, P. J.
Cummer, F. H., Jr.
Currens, J. H.
Curtin, R. R.
Curwen, W. L.
Daland, E. M.
Dalrymple, W.
Dalton, J. C.
Damon, A.
Daniels, H. S.
d'Autremont, C. C.
Davidson, G. E.
Davies, J. A. V.
DeBlois, E.
Decker, B. L.
Degen, J. W.
DeGroot, L. J.
DeLorme, T. L.
d'Elseaux, F. C.
Dempsey, P. A.
DeWilde, H.
Deykin, D.
Diamond, L. K.
Dickersin, G. R.
Dickson, W. A.
Dienes, L.
Dillon, H. T., Jr.
Dodge, P. R.
Donaldson, D. D.
Donaldson, G. A.
Dreyfus, P. M.
Dreyfuss, J. R.
Drooker, J. C.
Dudley, H. R., Jr.
Duffy, R. J.
Dunphy, E. B.
Dwight, R. W.
Ellett, W. H.
Ellis, D. S.
Ellis, L. B.
Emerson, K.
Endee, C. H.
Engel, L. L.
England, A. C., Jr.
Fang, H. C.-H.
Farmer, D. A.
Fawcett, D. W.
Faxon, H. H.
Fay, J. H.
Federman, D. D
Fernandez-Moran, H. A. V.
Ferris, B. G.
Field, R. A.
Fienberg, R.
Finck, A. J.
Fine, J.
Finesinger, A. L.
Finkenstaedt, J. T.
Fish, J. E.
Fisher, C. M.
FitzHugh, G.
Fitzpatrick, T. B.
Flanagan, N. B.
Follensby, E. M.
Forbes, A. P.
Ford, R.
Foster, G. S.
Frank, T.
Frazier, H. S.
Freedman, H. J.
Freinkel, R. K.
Fremont-Smith, M.
Fried, M. A.
Friedlich, A. L.
Friedman, L. J.
Fromer, J. L.
Fuller, H. S.

Funsch, R. E.
Futterman, S.
Ganz, R. N.
Gardella, J. W.
Gardner, G. E.
Garland, J.
Garrett, J. W. D.
Gaston, L. W.
Gephart, F. T.
Gergely, J.
Ginandes, S. C.
Glicklich, E. A.
Glimcher, M. J.
Gohd, R. S.
Goldthwait, J. E.
Gordon, J. E.
Graham, J. R.
Grant, L. H.
Grant, W. M.
Gray, B. C.
Green, T. H., Jr.
Griesemer, R. D.
Griffey, L. E.
Grillo, H. C.
Gross, J.
Grossman, M. S.
Grove-Rasmussen, M.
Guardo, J. L.
Gundersen, T.
Guralnick, W. C.
Hackett, T. P.
Haessler, H. A.
Haggart, G. E.
Haggerty, R. J.
Hall, T. C.
Hall, V. R.
Hallowell, P.
Hamlin, E., Jr.
Hanflig, S. S.
Hardy, H. L.
Hare, A. P.
Harper, R. S.
Harwood, R.
Hatch, F. T.
Hauser, G. P.
Haven, G. W.
Hawes, L. E.
Hayden, E. P.
Hayden, J. W.
Head, J. M.
Hebertson, W. M.
Hendren, W. H., III
Hendrick, I.
Hermann, H. T.
Hill, J. M.
Hill, L. W.
Hill, W. R.
Hirsch, O.
Hoagland, M. B.
Holder, R.
Holmes, E. M.
Horwitz, W. H.
Howe, H. D.
Howe, L. P.
Hugenberger, P. W.
Huggins, C. E.
Humphreys, S. P.
Huntington, B. L.
Hurley, P. D.
Hurst, A. L.
Hurwitz, J. J.
Hurxthal, L. M.
Ingersoll, F. M.
Irwin, J. W.
Isaacs, J. P.
Isselbacher, K. J.
Jackson, H., Jr.
Jackson, L.
Jacobson, B. M.
Jakus, M. A.
Jeanloz, R. W.
Johnson, C. C.
Jones, C. M.
Jones, H. W., Jr.
Jones, K. E.
Jones, R. H.
Jones, W. A.
Jones, W. N.
Joseph, A. T.
Joslin, E. P.
Justi, R. A.
Kane, L. W.
Karnes, W. E.
Katz, S. L.
Kazanjian, K. A.
Kazanjian, V. H.
Keenan, T. J.
Kelemen, G.
Keller, J. W.
Kelley, R. M.
Kelley, S. B.
Kelley, V. J.
Kelly, J. F.
Kent, C.
Kern, H. L.
Kerr, W. S., Jr.
Keuper, C. S.
Kilfoyle, R. M.
King, W. B., Jr.
Kinoshita, J. H.
Kinsey, D.
Kite, O. W.
Kjellberg, R. N.
Klein, E.
Klotz, R. E.
Knowles, J. H.
Knapp, P. H.
Koch-Weser, J.
Kowalski, H. J.
Kozol, H. L.
Krane, S. M.
Kranes, A.
Kravitz, A. R.
Krayer, O.
Kubik, C. S.
Kubzansky, P. E.
Kuhns, J. G.
Kulka, J. P.
Kunz, L. J.
Kupfer, C.
Kuwabara, T.
Lamdin, S. J.
Lamont, J. H.
Lanman, T. H.
Lawrence, G. W.
Leadbetter, G. W., Jr.
Leadbetter, W. F.
Leaf, A.
Lee, R. I.
Leiderman, P. H.
Leighton, J.
Lele, P. P.
Lennox, W. G.
Lentine, J.
Lerman, J.
Leskowitz, S.
Levene, M. B.
Lever, W. F.
Levine, H. J.
Levitan, J. J.
Lewis, D. K.
Liebman, S. D.
Lincoln, R. C.
Lindemann, E.
Littlefield, J. W.
Littmann, D.
Lloyd, J. B.
Loftfield, R. B.
Lombroso, C. T.
Lorenz, M.
Lowell, F. C.
Lowell, J. D.
Lowis, S.
Ludwig, A. O.
Luessenhop, A. J.
Lund, C. C.
Luongo, M. A.
Lurie, M. H.
Lyon, A. B.
Mabrey, R. E.
McArthur, J. W.
MacAusland, A. R.
MacAusland, W. R., Jr.
McClelland, W. K.
McDermott, W. V., Jr.
McGinn, S.
McGovern, J. J. M.
Mack, J. E.
McKeigue, J. E.
McMahon, A. W.
Macmillan, A. S.
Macmillan, A. S., Jr.
McNeely, W. F.
McNeill, J. M.
McNie, A. B.
Maloof, F.
Mancall, E. L.
Mangiaracine, A. B.
Mann, W.
Marble, A.
Marble, H. C.
Marfey, S. P.
Mark, V. H.
Marshall, C. K.
Martin, S. F.
Mattos, E. R.
Maynard, E. P., III
Mayo, R. A.
Means, J. H.
Meigs, J. V.
Meltzer, P. E.
Mendelson, J. H.
Merrill, O. E.
Michelsen, J. J.
Miller, D.
Miner, L. M. S.
Miner, R. L.
Ming, S. C.
Mittel, N. S.
Mixter, C. G.
Mixter, C. G., Jr.
Mixter, G., Jr.
Montgomery, W. W.
Moore, F. D.
Moore, R. F.
Morgan, W. L., Jr.
Morgan, W. S.
Morrison, H. R.
Moser, H. W.
Mosher, H. A.
Mueller, B. G.
Mueller, H. P.
Mueller, W.
Murphy, H. J.
Murphy, W. F.
Murray, D. B.
Murray, J. E.

Mushatt, C.
Myers, G. S.
Nadas, A. S.
Nardi, G. L.
Nathan, L.
Nemiah, J. C.
Neumann, E. T.
Neville, C. W., Jr.
Norcross, J. W.
Noss, G. M.
Nyilas, E.
O'Brien, F. W., Jr.
O'Brien, R. G.
O'Connor, H.
Offenbach, B.
Okamura, I. D.
Olin, M. J.
Olive, G. M., Jr.
O'Malley, A. F.
Osgood, H. A.
O'Sullivan, R. B.
Owyang, P.
Packert, R. C.
Page, L. B.
Palmer, R. S.
Parkhurst, E. C.
Parsons, L.
Pavlo, I. L.
Pechet, M. M.
Peebles, R. R.
Pendleton, M. E.
Perlo, V. P.
Perrin, G. M.
Perry, J. A.
Phillips, E. B., II
Picard, E. H.
Pier, A. S., Jr.
Pittman, H. S.
Point, W. W.
Pollard, J. T., Jr.
Pollen, A.
Pontoppidan, H.
Porter, H.
Porter, P. J.
Postel, S.
Potsaid, M. S.
Poulin, F. K.
Probst, J.-H.
Pryles, C. V.
Quarton, G. C.
Quinby, J. T.
Quinby, W. C., Jr.
Rabinowitz, M.
Rackemann, F. M.
Rak, I. P.
Raker, J. W.
Randolph, J. G.
Rappaport, S.
Record, E. E.
Reed, G. F.
Regan, C. D.
Reid, D. E.
Reid, E. A.
Reidy, J. A.
Reith, H. C.
Reyersbach, G. C.
Richardson, E. P., Jr.
Richardson, G. S.
Richardson, J. R.
Richie, R. H., Jr.
Riemer, K.
Riley, A.
Robbins, L. L.
Robertson, C. W.
Rockwood, E. M.
Rodkey, G. V.
Roopenian, A.
Ropes, M. W.
Rosen, R. B.
Rosenkrantz, J. G.
Roth, S. I.
Rounds, C. E.
Rourke, G. M.
Rowe, C. R.
Ruben, M.
Runge, P. M.
Russell, P. S.
Rutstein, D. D.
Ryan, K. J.
Sachs, B. J.
Sahay, B. M.
St. Aubin, P. M. G.
St. Goar, W. T.
Sanchez, G. C.
Sasahara, A. A.
Scannell, J. G.
Schepens, C. L.
Schmid, K.
Scholl, M. L.
Schulz, M. D.
Schuster, S. R.
Schwab, R. S.
Scott, A. W.
Scott, J. F.
Scully, R. E.
Seale, E. S.
Sears, J. B.
Selverstone, B.
Shangraw, K. A.
Sharp, J. T.
Shattuck, G. C.
Shaw, R. S.
Sheldon, C. P.
Shore, S.
Short, C. L.
Sidman, R. L.
Sifneos, P. E.
Simmel, M. L.
Sinesi, S. J.
Single, M. A.
Sisson, J. H.
Sisson, W. R.
Sloane, A. E.
Smith, C. A.
Smith, G. G.
Smith, L. H., Jr.
Smith, R. H.
Smith, R. M.
Smith, T. R.
Smith, W. H.
Smith, W. P.
Smith-Petersen, M.
Smithwick, R. H.
Sneddon, E. A.
Sniffen, R. C.
Snow, J. C.
Snyder, J. C.
Sohier, W. D., Jr.
Solomon, H. C.
Soloway, A. H.
Sosman, J. L.
Sotos, J. F.
Soutter, L.
Spear, L. M.
Speare, G. S.
Spector, L. B.
Spencer, K.
Spiro, D.
Stanbury, J. B.
Starobin, O. E.
Stauffer, R. E.
Stenger, R. J.
Stephenson, M. L.
Sternbach, R. A.
Stetson, R. P.
Stoeckle, J. D.
Stokes, J., III
Stolman, J. M.
Sturdevant, C. L.
Sturgis, S. H.
Suby, H. I.
Sullivan, G. L.
Surtees, A. D.
Swan, C. L., Jr.
Swan, C. S.
Swartz, J. H.
Swartz, M. N.
Sweebe, E. C.
Sweet, P. L.
Sweet, R. H.
Sweet, W. H.
Szabó, G.
Taft, E. B.
Taft, P. D.
Talbot, N. B.
Talland, G. A.
Taylor, J. B.
Taylor, J. H.
Tefft, R. C., Jr.
Tenney, B., Jr.
Thomas, J. B.
Thomas, J. M.
Thurlbeck, W. M.
Timberlake, W. H.
Tisdale, W. A.
Todd, D. P.
Toli, G. D.
Tolman, M. M.
Tomchik, F. S.
Townsend, J. H.
Trapp, C. E.
Trevett, L. D.
Trieger, N.
Tristan, M. P.
Trotter, R. R.
Tucker, W. I.
Turner, J. D.
Ulfelder, H.
van Amerongen, S. T.
Van Buskirk, D.
Vance, R. G.
Vanderpol, M.
Vanderveen, J. L.
Van Gorder, G. W.
Vickery, A. L., Jr.
Victor, M.
Vincent, B.
von Felsinger, J. M.
Waddell, W. R.
Waksman, B. H.
Walzer, S. G.
Wang, C.
Warner, F. A.
Warren, R.
Waterman, G. A.
Watkins, A. L.
Waud, B. E.
Weber, A. L.
Webster, E. W.
Webster, H. de F.
Wedrow, E. M.
Weille, F. L.
Weinstein, L.
Weisberger, D.
Welch, C. E.
Wells, L. D.
Wesselhoeft, C.

Wheeler, E. O.
Wheeler, R. R.
Whiskin, F. E.
White, C. J.
White, E. M.
White, J. C.
White, P. D.
Whitelaw, G. P.
Whiting, R. G.
Wilker, S. R.
Wilkins, E. W., Jr.
Williams, C.
Williams, V. P.
Wills, A. A., Jr.
Wimberger, H. C.
Wolff, C. T.
Wolff, L.
Wyman, R. R.
Wyman, S. M.
Zacharias, L.
Zamcheck, N.
Zamecnik, P. C. M.
Zaoussis, A. L.
Zarsky, E. L.
Zartman, H. F.
Zieper, I.
Zinberg, N. E.
Ziskind, A.
Zonderman, B.
Zovickian, A.

Braintree
Slemons, M. L.

Brockton
Chase, J. S.
Duncombe, A. L.
Foss, M. W.
Rae, R. G.
Ryan, M. L.
Sherman, L. J.
Tucci, J. H.

Brookline
Bacon, W. B.
Balch, F. G., Jr.
Barker, R. H.
Barnum, F. G., Jr.
Beuscher, R. B.
Boutwell, H. K.
Braconier, H. E.
Brailey, A. G.
Bullington, S. J.
Burgin, L. B.
Cass, J. W., Jr.
Chalpin, G.
Cohen, A.
Coley, M. S.
Crabtree, H. H.
Derow, H. A.
Dyer, E. C.
Easton, M. T.
Fay, G. F.
Fowler, D. M.
Franseen, C. C.
Frazee, J. R.
Gauld, A. G.
Goethals, T. R.
Goldthwait, J. C.
Greeley, H. P.
Gregg, W. I.
Haley, W. D.
Hall, F. C.
Helman, M. E.
Hodgson, J. S.
Holland, D. J., Jr.
Homans, J., Jr.
Hormell, R. S.
Joplin, R. J.
Kayce, M. M.
King, H. S.
Kirkwood, S. B.
Linenthal, A. J.
Linton, R. R.
McKittrick, J. B.
McKittrick, L. S.
Morse, G. W.
Newell, J. L.
Norton, P. L.
O'Brien, R. G.
Potter, M. G.
Prather, G. C.
Pratt, T. C.
Rhodes, F. I.
Rock, J.
Schatzki, R.
Shea, C. J.
Siscoe, D. L.
Smith, J. A.
Smith, W. D.
Spalding, R.
Spangler, A. S.
Spellman, J. W.
Sprague, H. B.
Stalvey, H. D.
Stone, B. H.
Stone, W., Jr.
Sturgis, G. P.
Talbot, F. B.
Thoma, K. H.
Tilley, R. F.
Trakas, J. C.
Verhoeff, F. H.
Viets, H. R.
Webster, R. C.
West, F. J.
Wheelock, F. C., Jr.
Winsor, A. P.
Woodruff, L. M.
Young, E. L.
Zaudy, E. C.
Zeller, J. W.

Bryantville
Angley, J. C.

Cambridge
Bloomfield, D. K.
Bock, A. V.
Brazelton, T. B.
Caplan, G.
Carter, F.
Clower, V. L.
Cohen, M.
Coolidge, J. C.
Dalrymple, W.
Dawes, D. C.
de Marneffe, F. L. A.
Deutsch, H.
Dexter, C. J.
Evans, R. D.
Farnsworth, D. L.
Faulkner, J. M.
Floyd, C.
Forbes, A.
Forbes, V. A.-C.
Gaitonde, M. K.
Gates, P. H.
Godley, A. F.
Hansen, R. J.
Heath, C. W.
Herzan, H. M.
Hodge, A. J.
Hubbard, E., Jr.
Kennedy, D. A.
Lifton, R. J.
Matz, M. H.
Means, P. H.
Robey, J. S.
Ross, R. A.
Rudy, H. A.
Russfield, A. B.
Scatchard, G.
Shelton, W. R.
Stevens, H. P.
Thorndike, A.
Toll, K. van S.
Trump, J. G.
Weinberger, J. L.
Whittemore, W. S.
Wyman, S. M.
Yaffee, H. S.
Young, R. A.
Zetzel, E. R.

Canton
Yens, O. C.

Chelsea
Letsou, V. G.
Wheeler, J. T.

Chestnut Hill
Brigham, F. G.
Buckley, F. M.

Cohasset
Howe, H. F.
Sceery, R. T.

Concord
Austin, R. C.
Hitchcock, J.
Keevil, C. S., Jr.
Keuper, C. S.
McDonald, F. C.
Tompkins, J. B.
Whitfield, T. J., III

Danvers
Essember, L. J.
Fearer, N. H.
Hall, M. G.
Licciardello, A. T.

Dedham
Putnam, H. M.
Sweetnam, G. H.
Vaughan, R. H.

East Pepperell
Swaim, L. T.

Everett
Jackson, A. M.
McLaughlin, C. H.

Fall River
Atwood, W. G.
Hawes, C. H.
Hill, N. P.
Mason, W.
Weiser, A.

Fitchburg
McPeak, C. N.
Pick, W.
Walker, G. M.
Williams, A. H.

Foxboro
Putnam, J. J.

Framingham
Denton, J. E.
Folsom, H. F.
Golden, T. S.
Hirsch, L. S.
Sleeper, E. L.

Gloucester
Johnson, L. F.

Greenfield
Buchanan, W. R., Jr.

Moran, J. E.
Wallace, E. P.

Hadley
Huntington, J. L.

Harvard
Brown, L. T.

Hingham
Eldredge, L. L., Jr.
Emerson, G. F.
Howland, J. B.

Holyoke
Bagg, E. P., Jr.
Bandeian, A. M.
Ferguson, E. L.
Mahoney, S. A.

Hyannis
Garran, F. W., Jr.

Ipswich
Petranek, J. R.
Wigglesworth, W. C.

Lawrence
D'Urso, J. J.
Feeney, F. J.
Ganem, E. J.

Leominster
Wheeler, C. A.

Lexington
Bellinger, M. J.
Cosgrove, W. L.

Longmeadow
Huston, L. L.

Lowell
Grant, G. J. M.
Leahey, B. D.
Lawlor, R. C.
Wiedman, M.

Lynn
Newhall, H. F.
O'Keefe, E. S.
Sarris, S. P.
Swartz, M.
Vance, L. A.

Malden
Bennett, D. R.
Bennett, W.
Garrey, W. E.
Thorp, E. G.

Marblehead
Hopkins, S. W.
Watson, R. H.

Mattapan
Lazarus, H. R.

Medfield
Reggio, A. W.

Medford
Guthrie, A. D., Jr.
Morrissey, A. M.

Melrose
Glines, G. A.
Herm, R. J.

Milton
Brown, L.
Gamble, C. J.
Hepburn, J. P.
Kernan, R. D.
McGrath, E. F.
Sullivan, E. R.
Toch, R.
Tudor, F.
Van Dyke, W.

Nantucket
Wood, B. S.

Needham
Brown, F. H.
O'Keeffe, A. F.

New Bedford
Hoffman, H. A.
Lewis, E. O.
Maynard, G. B., Jr.
Stevens, H. W.
Tripp, C. C.

Newburyport
Bullard, C. W.
Hamilton, R. DeL.
Toppan, R. L.

Newton
Adams, R. H.
Adler, M. H.
Bell, G. O.
Hanelin, J.
Shirley, J. N.

Newton Centre
Chasen, M. C.
Derow, S.
Ervin, F. R.
Franklin, W.
Gill, B. F.
Kennard, H. E.
Moschella, S. L.
Rutherford, R. W.

Newton Highlands
Kaplan, S.
Thompson, R. D.

Newtonville
Garcelon, G. G.

Northampton
Averill, J. H.
Tatlock, H.

North Andover
Rogers, H.
Wallwork, D. W.

Norwell
Bailey, D. W.
Kearsley, R. B.

Norwood
Booth, N. A.
Fishman, N.
Sternstein, H. J.

Peabody
O'Rourke, H. J.

Pittsfield
Breslin, J. E.
Locksley, H. B.
Miller, J. P., Jr.
Reynolds, G. S.
Tracy, R. J.

Plymouth
Hamilton, H. H.

Quincy
Chapman, R. B.
Ciano, J. F.
Hussey, M. B.
McCarthy, P. L.

Rockport
Sanders, M. B.

Salem
Breed, F. B.
Clark, D. S.
Flynn, J. G.
Freedberg, A. P.
LeDonne, J. E.
Lowd, H. M., Jr.
Phippen, W. G.
Polansky, S. C.
Shannon, J. M.
Stebbins, H. D.
Thompson, R. H.

Sharon
Brown, R. H.

Somerville
McLean, J. D.
Petersen, J. A.

Williamstown
Urmy, T. V.

South Barre
Warner, J. H.

South Hamilton
Rogers, D. M.

Springfield
Carson, P. C.
Chapin, L. D.
Derby, J. P.
Derrick, C. C.
Drewry, G. R.
Edgelow, A. F. G.
Franseen, E. F.
Hayes, D. R.
Hopkins, F. S.
Hoyt, W. F.
Lewis, J.
Plotkin, L. H.
Ring, H. G.
Williams, D. W.
Zacarian, S. A.

Stockbridge
Kimberly, C. H.

Swampscott
Lurie, A. S.
Mayo, F. B.
Miller, C. C.

Topsfield
Thornton, C. E.

Truro
Hoeffel, G. N.

Waban
Lothrop, O. A.

Walpole
Yatsuhashi, M.

Waltham
Davanloo, H.
Hardy, I. B.
Holmes, J. A.
Lewis, J. L.
Shugar, J. L.

Wareham
Lincoln, J. R.

Watertown
Karian, E.

Waverley
For names formerly in Waverley, *see* Belmont

Wellesley
Kraus, P. S.
Pfeffer, W., Jr.
Villee, D. B.

Wellesley Hills
Angelini, H. D.
Freese, C. G., Jr.
Goodall, E. B.
Klein, D. C.
Lingeman, B. S.
Parker, J. S.
Pippitt, R. B.
Reidy, J. A.
Trieger, N.

Westboro
Holt, W. L., Jr.

West Falmouth
Faxon, N. W.

West Newton
Sanchez, G. C.

Weston
Greene, D. C., Jr.
Peebles, T. C.
Rogers, W. P., Jr.
Skinner, J. C.
Taylor, G. W.
Van Nüys, F.

Westwood
Ives, L. M.

Winchester
Annino, D. J.
Clark, R. J.
Haley, W. D.
Kaufmann, G. G.
Kermond, W. L.
Lewis, D. K.
McKenzie, W. L.
McLean, J. D.
Marks, G. A.
Mueller, H. L.
Worcester
Alton, B. H.
Burrow, J. G.
Carmody, J. T. B.
Damiani, C. R.
Duggan, J. A.
Freymann, J. G.
Johnson, V. S.
Kinnicutt, R.
Lingley, J. R.
Miller, E. C.
Oakley, J. C.
Peterson, H. O.
Seelye, W. C.
Sniffen, R. C.
Stone, B. B.
Wheeler, B. C.
Zmyslowski, W. P.

MICHIGAN

Ann Arbor
Bishop, R. C.
Cecil, L. McF.
Coller, F. A.
Miller, J. G.
Smillie, J. W.
Vial, A. B.
Waldron, A. M.
Zuidema, G. D.
Dearborn
Bloomer, E.
Detroit
Blodgett, W. H.
Comly, H. H.
Esslinger, J. O.
Eyler, W. R.
Frame, B.
Hiebert, J. M.
Osius, E. A.
Sphire, R. D.
Stiefel, D. M.
Sweeny, D. N., Jr.
Zuelzer, W. W.
Zukowski, H. J.
Grand Rapids
Beeman, C. B.
Faust, L. W.
Sugiyama, T.
Holland
Clark, N. H.
Ionia
Tannheimer, J. F.
Iron Mountain
Alexander, W. H.
Jackson
Munro, N. D.
Pontiac
Cudney, E. B.
Port Huron
McClung, J. L.
Sault Ste. Marie
Howard, F. H.

MINNESOTA

Minneapolis
Goetz, F. C.
Henry, M. O.
Johnson, N. P.
Kennedy, B. J.
Lowe, C. U.
Pohl, J. F.
Rodgers, R. S.
Schmidt, R. A.
Wang, Y.
Rochester
Balfour, D. C., Jr.
Brindley, C. O.
Chapman, C. E.
Haines, S. F.
Helmholz, H. F., Jr.
Livermore, G. R., Jr.
Randall, R. V.
Stout, H. A.
St. Paul
Peterson, H. O.
Schwyzer, M.

MISSISSIPPI

Jackson
Guyton, A. C.

MISSOURI

Columbia
van Ravenswaay, T.
Kansas City
Dann, D. S.
Dennie, C. C.
Lilly, T. E., Jr.
Pickard, N. S.
Trowbridge, E. H., Jr.
Winkler, J. J.
Rock Hill
Ballard, F. B., Jr.
St. Joseph
McDaniel, J. R.
Riddell, R. V.
St. Louis
Arnstein, A. R.
Chaplin, H., Jr.
Dodd, R. B.
Doisy, E. A., Jr.
Drake, T. G.
Hanser, T. H.
Hershey, F. B.
Hunt, R. T. N.
Klaus, H.
Lawrence, G. H.
Lytton, W.
Maughs, S. B.
Moore, S.
O'Brien, R. M.
Robins, E.
Rukes, J. M.
Stephens, W. A.
Strauss, A. E.
Thomas, W. A.
Trenton
Fuson, W. A.
Webster Groves
Gaunt, F. P.

NEBRASKA

Aurora
Steenburg, D. B.
Omaha
Bisgard, J. D.
Luikart, R. H.

NEVADA

Las Vegas
Woodbury, H. W.
Reno
Cantlon, E. L.
Cantlon, J. V.

NEW HAMPSHIRE

Concord
Mintz, E. R.
Dover
Wilson, R. F.
Exeter
Heyl, J. T.
Hancock
Eustis, R. S.
Hanover
Anthonisen, M. R.
Goodale, F., Jr.
Gundersen, S. M.
Heyl, H. L.
Hunter, R. W.
King, D. S.
McKenna, J. B.
Staples, O. S., Jr.
Sycamore, L. K.
Keene
Lacey, W. H.
Laconia
Baker, W. J.
Manchester
Bienvenu, L. J.
Colokathis, P.
Elliot, H. L.
Kalil, T. H.
McGahey, C. E.
Walker, J. K.
Peterborough
Bowditch, H.
Portsmouth
Beck, P.
Lium, R.
Wilton
Locke, E. A.
Winchester
Williams, C. A.
Wolfeboro
Gregory, H. E.

NEW JERSEY

Elizabeth
Gorman, R. V.
Weigel, E. W.
Englewood
Roberts, C. D.
Glen Ridge
D'Alessandro, G. L.
Irvington
Charash, L. I.
Jersey City
Rothberg, H. D., Jr.
Montclair
Greene, R. G.
Walton, R. W.
Morristown
Ward, A. J.
Newark
Schaaf, R. S.
New Brunswick
Kuhn, W. G., Jr.
Orange
Stearns, T.
Paterson
Sporer, E. S.
Van Eerde, A.
Plainfield
Egel, N.

Princeton
Munro, J.
Summit
Willetts, A. T.
Teaneck
Randall, R. E., Jr.

NEW MEXICO

Albuquerque
Adler, S.
Mora, F.
Parnall, E.
Los Alamos
Grier, R. S.
Shipman, T. L.

NEW YORK

Albany
Berg, H. W.
MacMillan, H. A.
Traver, C. A.
Yankauer, A.
Astoria, Long Island
Baxter, C. F.
Bath
Traver, R. F.
Bronxville
Thatcher, B. van H.
Brooklyn
Cohen, I. J.
Friedman, C. F.
Hamilton, H. B.
Harvey, R. B.
Warren, C. F.
Buffalo
Graham, J. B.
Holland, J. B.
Hummel, L. E.
Lambert, E. C.
Osgood, H.
Schenk, W. G., Jr.
Stewart, J. D.
Stiff, D. W. S.
Cooperstown
McIver, M. A.
Sahler, O. DeP.
Glen Head, Long Island
Heggie, J. F.
Glens Falls
Batt, R. C.
Katonah
Thompson, W. A
Larchmont
Haralambie, J. Q.
Little Neck, Long Island
Wenig, M.
Long Beach
Sandler, A. I.
Manhasset, Long Island
Nicosia, A. P.
Mechanicville
Ryan, J. P.
Mount Morris
Judd, J. M.
New York City
Alper, J. M.
Ayers, W. B.
Barlow, J. J.
Barry, R. M.
Bedell, R. F.
Bowden, L.
Carroll, R. E.
Chamberlain, J. M.
Christenson, W. N.
Collins, H. S.
Dickson, C. C.
Diehl, S. D.
Dole, V. P., Jr.
Fishman, R. A.
Goldblatt, M. E.
Golden, R.
Gomatos, P. J.
Hammond, J. W., Jr.
Heffron, R.
Hobson, L. B.
Hovsepian, J. A.
Huber, W. M.
Kraut, H. L.
Lake, M.
Lambert, J. T.
Layzer, R. B.
Lipman, M. M.
Loeb, R. F.
Luck, D. J. L.
Maier, J.
Maisel, B. W.
Malcolm, J. A.
Mendelsohn, M. L.
Metcalf, K. M.
Michie, A. J.
Michie, C. R.
Moore, B. E.
Mote, J. R.
Nellhaus, G.
Patterson, R. H.
Patterson, R. L., Jr.
Peters, J. H.
Pier, G.
Poskanzer, D. C.
Putnam, C. R. L.
Quan, S. H. Q.
Rappleye, W. C.
Rasmussen, H.
Rasmussen, J. S.
Roots, L. H.
Rosenthal, A. L.
Rowell, H. G.
Schneiderman, R. N.
Sprague, E. H.
Surls, J. K.
T'an, C. C.
Tenney, V. A.
Twombly, G. H.
Ulick, S. C.
Watson, R. F.
Whittemore, J. P.
Wilson, E. H., Jr.
Wilson, P. D.
Wilson, P. D., Jr.
Wohl, H.
Wysham, D. N.
Yanagisawa, K.
Olean
Mayer, R. F.
Oneonta
Greenough, J.
Ozone Park
Edelman, G. M.
Plattsburg
Barton, L. G., Jr.
Poughkeepsie
Bedell, W. C.
Keeley, J. K.
Whitford, W.
Rochester
Allison, C. R.
Barnett, T. B.
Berg, R. L.
Boller, C.
Clark, M. M.
Crawford, H. B.
Gillies, A. J.
Greene, N. M.
Guller, E. I.
Jones, T. B.
Kennedy, R. P.
Morton, J. J.
Radebaugh, J. F., Jr.
States, J. D.
Stewart, J. M.
Strom, J. O.
Sweet, R. B.
Roslyn, Long Island
Frick, A. H. C.
Saranac Lake
Welles, E. S.
Scarsdale
Hammond, W.
Staten Island
Maloy, J. K.
Syracuse
Dunn, E.
Gardner, L. I.
Gibson, L. E.
Greene, R. W.
Hale, C. H.
Halsted, J. A.
Neptune, E. M.
Silverman, A. C.
Squire, L. F.
Straehley, C. J., Jr.
Troy
Talin, J. J.
Tuckahoe
Seed, J. C.
Upton, Long Island
Cotzias, G. C.
Dahl, L. K.
Stall, B. G., III
Utica
Case, C. T.
English, H. S.
Knapp, R. G., Jr.
Millet, J. B.
Valhalla
Lynn, J. G., IV
Watertown
George, H. L., Jr.
White Plains
Kneisel, J. J.

NORTH CAROLINA

Asheville
Morrison, R. W.
Biltmore
Freeman, W. T.
Chapel Hill
Burnett, C. H.
Chamberlin, H. R.
Craige, E.
Gottschalk, C. W.
Heusner, A. P.
Jessner, L.
Lansing, C.
Lassiter, W. E.
McClellan, W. S.
Monroe, J. T., Jr.
Sandifer, M. G., Jr.
Taylor, I. M.
Charlotte
Brenizer, A. G., Jr.
Elliott, J. A., Jr.
Durham
Coolidge, T. B.
Herring, E. J.
Pearse, R. L.
Peete, W. P. J.
Persons, E. L.

Reeves, R. J.
Wyngaarden, J. B.
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FORMS OF LEGACIES

A. *An Unrestricted Legacy*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($)."

Money given in this way may be used by the Hospital for any purpose within the scope of its powers. Both principal and income may be so used.

B. *A Legacy Restricted as to Principal but Not Restricted as to Income*

"I give to The Massachusetts General Hospital, a corporation organized under the laws of Massachusetts and situated in Boston, Massachusetts, ...($). The principal of this gift shall be held and may be mingled with other funds of the Hospital for investment. The Hospital may expend the income for any purpose within the scope of its powers. (The following sentence is optional.) This gift is made in memory of ..... and shall be known as the ..... Fund."

Money given in this way establishes a permanent fund.

C. *A Legacy Intended for a Special Purpose*

Where either principal or income of a bequest is to be restricted to some special purpose of the Hospital, it is suggested that the testator contact the Treasurer's Office, 45 Milk Street, Boston.

DALTON SCHOLARSHIPS

Scholarships will be awarded to the candidates recommended by the General Executive Committee of the Massachusetts General Hospital and confirmed by the Trustees.

The holders of these Scholarships are required to do original work in subjects to be designated.

For particulars apply to the General Director.

MASSACHUSETTS GENERAL HOSPITAL
Fruit Street, Boston

See also page 114 of this Report

WARREN TRIENNIAL PRIZE

The Warren Triennial Prize was founded by the late Dr. J. Mason Warren in memory of his father, and his will provides that the accumulated interest of the fund shall be awarded every three years to the author of the best dissertation, considered worthy of a premium, in some subject in Physiology, Surgery, or Pathological Anatomy, the arbitrators being the General Executive Committee of the Massachusetts General Hospital.

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